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*Gen. Board of State Tax Commissioners*

FIFTH BIENNIAL REPORT

OF THE

STATE TAX COMMISSION

TO THE

LEGISLATIVE ASSEMBLY OF THE  
STATE OF OREGON

1919



Oregon

# FIFTH BIENNIAL REPORT

OF THE

# STATE TAX COMMISSION

TO THE

## LEGISLATIVE ASSEMBLY

OF THE

## STATE OF OREGON

# 1919

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### MEMBERS

Ex Officio

JAMES WITHYCOMBE, Governor (Chairman)

BEN W. OLCOTT, Secretary of State

THOS. B. KAY, State Treasurer

Tax Commissioner

CHAS V. GALLOWAY

Secretary

FRANK K. LOVELL



SALEM, OREGON:  
STATE PRINTING DEPARTMENT  
1919

## LETTER OF TRANSMITTAL

*To the Legislative Assembly of the State of Oregon:*

In compliance with the provisions of Section 3617, Lord's Oregon Laws, amended by Chapter 193, Laws of 1913, the State Tax Commission herewith submits its Fifth Biennial Report.

JAMES WITHYCOMBE, *Governor, Chairman*

BEN W. OLCOTT, *Secretary of State*

THOS. B. KAY, *State Treasurer*

CHAS. V. GALLOWAY, *Tax Commissioner*

## FIFTH BIENNIAL REPORT

An Act of the last Legislative Assembly, effective May 21, 1917, reduced the State Tax Commission from a body of five to one of four members. As now organized the commission consists of the Governor, the Secretary of State and the State Treasurer, as ex officio members, and one tax commissioner appointed by them. However, this change in organization was not accompanied by any material modification of the duties of the commission and has not changed the general character of its work.

### EQUALIZATION OF COUNTY VALUATIONS AND APPORTIONMENT OF STATE TAXES

One of the principal duties of the State Tax Commission is to equalize annually the assessed valuations of the several counties, such equalization becoming the basis for determining the proportion of the state taxes to be paid by each county.

During the last biennium the commission has not been able to make any extensive and detailed investigation of local assessments for the determination of county ratios or percentages of assessed to actual values. However, the records and data accumulated in former years, when the commission was working under more favorable conditions, have continued to be of value in this work.

In another part of this report tables are submitted showing the results of the equalizations, as between the several counties, for the years 1917 and 1918.

### ASSESSMENT OF PUBLIC SERVICE COMPANIES

Since our last report there has been no change whatever in the law providing for the assessment of public service companies and utilities by the State Tax Commission. While valuations on particular companies have fluctuated, due to increases or decreases in property or income, the methods of assessment have remained practically unchanged.

For the year 1917 the commission made 472 assessments, totaling full cash and apportioned values of \$180,691,375.89 and \$120,707,327.83, respectively. For the year 1918 the total number of separate companies assessed is 496, the total full cash value thereof \$178,176,308.44, and the total apportioned or taxable value \$122,248,174.73. In another part of this report will be found tables showing the assessed and apportioned values of specified companies for said years, also summaries setting out the total valuations by classes of companies and by counties.

### INCREASED VALUATIONS

In our last biennial report we made reference of the fact that the total assessed or taxable valuation of the state for 1916 (\$878,763,944.71) represented a net decrease of approximately \$54,293,000.00 from the total reached in 1913. We are now able to report very substantial increases in assessed valuations of 1917 and 1918, the respective totals being \$928,605,570.36 and \$987,533,896.97. This latter amount represents the largest

total of valuations and probably the highest general standard of assessments ever obtained in the state. Making allowance for the loss of about \$21,000,000.00 caused by elimination of assessment of the Oregon & California Railroad land grant, last assessed in 1915, the total reached in 1918 is some \$54,250,000.00 above the previous high mark of 1913.

While the increased valuations of 1917 and 1918 are no doubt due in part to additions of new property and an improvement of business conditions in certain sections of the state, we believe that they also stand for better work on the part of the county assessors in their assessments of property generally.

#### TOTALS OF TAXES LEVIED

Returns on file in the office of the commission show the following gross amounts of taxes levied, for all purposes, and extended on assessment rolls of the years specified:

1913 .....	\$23,090,613.28
1914 .....	20,892,892.37
1915 .....	22,076,294.68
1916 .....	22,012,020.40
1917 .....	23,217,487.16

In another part of this report are tables showing distributions of taxes levied on assessments of the years 1916 and 1917, by counties.

#### EFFECT OF TAX LIMITATION AMENDMENT ON STATE TAX LEVIES

The tax limitation amendment adopted by vote of the people at the regular general election of 1916, and now designated as Section 11, Article XI of the Constitution of Oregon, has rather arbitrarily determined the total amounts of the state tax levies for 1917, 1918 and 1919. Under the provisions of this section of the constitution the state tax levy for the year 1916, in the total amount of \$2,550,000.00, became the primary base for the levies of succeeding years. In the last three state tax levies the commission has regularly added the permitted increase of 6 per cent each year, with the required adjustments for interest payments on bonded indebtedness. Following are the total amounts thus levied for the years specified:

1917 .....	\$2,699,250.00
1918 .....	2,856,205.00
1919 .....	3,021,402.00

After a very careful consideration of the fiscal condition and needs of the state the commission decided to refer to the people at the general election in November, 1918, for approval or rejection, a proposition to increase the state levy of taxes for 1919 in the amount of \$940,000.00 over the amount otherwise limited by the constitution. Therefore, acting under authority of Chapter 150, Laws of 1917, the commission filed with the Secretary of State, on September 17, 1918, a certificate of necessity for increase in the state tax levy for 1919, as follows:

"State of Oregon, County of Marion, ss.

"We, the undersigned, constituting the State Tax Commission of Oregon, hereby certify that in our opinion it is necessary to levy an amount of state taxes for the fiscal year 1919 larger by \$940,000.00 than the amount limited by the Constitution of Oregon, unless specifically authorized by vote of the people.

"From careful investigation we believe that the proposed specific increase of the state levy of taxes for 1919 is necessary that deficiency debts incurred for maintenance of state institutions and departments may be paid, that increased cost of necessary labor and supplies during the ensuing biennium may be anticipated, that unavoidable obligations in war emergencies may be met and that the credit of the state may be preserved. The amount specified is estimated as equivalent to an average levy of 1 mill on the dollar of the total assessed valuation of the state for the current year.

"Witness our hands and the seal of the State Tax Commission this seventeenth day of September, 1918.

(Signed)

Seal of the  
State Tax Commission  
Oregon

"James Withycombe, Governor, Chairman.

"Ben W. Olcott, Secretary of State.

"Thos. B. Kay, State Treasurer.

"Chas. V. Galloway, Tax Commissioner."

The vote of the people on the question of this specified increase in the amount of the state levy of taxes, as proposed in said certificate of necessity, was 41,364 yes, 56,974 no. Thus the proposition was defeated, in a manner quite decisive, and the state levy of taxes for 1919 was arbitrarily limited or restricted to the total amount of \$3,021,402.00.

In arriving at this total the commission has had to employ methods somewhat out of the ordinary in the computation of state tax levies. For instance, the commission is authorized to include in the levy for each odd year an estimated amount for "additional public buildings, improvements, etc." The amount following this heading in the 1915 levy was \$460,000.00, in the 1917 levy \$239,250.00; but in the 1919 levy no amount whatever appears for this purpose. Notwithstanding this particular elimination the commission found it necessary to subtract \$371,668.05 from the total arrived at in the computation, in order that the amount to be raised by direct taxation in the year 1919 might be brought within the limitation imposed by Section 11, Article XI of the Constitution of Oregon.

#### UNIFORM TAX CLASSIFICATION AMENDMENT

The Legislative Assembly of 1917 submitted to the people for their approval or rejection a proposition to amend two sections of the Constitution of Oregon to read as follows:

Article I, Section 32. "No tax or duty shall be imposed without the consent of the people or their representatives in the Legislative Assembly; and all taxation shall be uniform on the same class of subjects within the territorial limits of the authority levying the tax."

Article IX, Section 1. "The Legislative Assembly shall, and the people through the initiative may, provide by law uniform rules of assessment and taxation. All taxes shall be levied and collected under general laws operating uniformly throughout the state."



This proposition was voted on at the special election held on June 4, 1917, with the result that the amendment was adopted, 62,118 votes being recorded "yes" and 53,245 "no."

In thus amending our State Constitution the people of Oregon have definitely abolished the restrictions, which had been in effect from the beginning of the state, imposing the so-called uniform rule of the general property tax. After three unsuccessful attempts constitutional permission has at last been secured in Oregon to classify the subjects of taxation. While these amendments are in no sense self-operative and do not of themselves change our tax system, they open the way for real reform in taxation and the development of a system based on sound economic principles and the best administrative experience.

#### GENERAL PLAN OF A MODEL SYSTEM OF STATE AND LOCAL TAXATION

In 1916 a committee of the National Tax Association was appointed to prepare a plan of a model system of state and local taxation. A few months ago this committee completed a preliminary report, embracing a comprehensive statement of certain fundamental principles which should be observed in perfecting a state revenue system, to the end that inequalities and complexities, now so prevalent, may be lessened or altogether removed. We regard this preliminary report as of very great importance and value and, in view of the possibilities for tax reform now opened up in Oregon, are reprinting it as an appendix to this report. We feel certain that it will not be found amiss to give thoughtful attention to the recommendations of the committee on model tax system of the National Tax Association in considering measures proposed for the correction and improvement of Oregon's system of taxation.

TABLE I

Summaries of Assessments of Railroad Companies and of Union Station and Depot Companies for the Years 1917 and 1918 as Equalized and Apportioned by the State Tax Commission

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
California & Oregon Coast Railroad Company, The.....	Josephine .....	\$ 76,900.00	.71	\$ 54,599.00	\$ 80,340.00	.70	\$ 56,238.00
Carlton & Coast Railroad Company.....	Yamhill .....	57,900.00	.64	37,056.00	60,400.00	.63	38,052.00
Central Pacific Railway Company .....		<b>1,802,910.00</b>		<b>1,207,938.00</b>	<b>1,813,370.00</b>		<b>1,285,802.30</b>
	Klamath .....	1,258,530.00	.70	880,864.00	1,271,750.00	.71	905,072.50
	Lane .....	544,380.00	.40	320,324.00	543,430.00	.59	320,725.30
	Union .....	56,739.00	.34	41,652.36	56,723.00	.84	47,662.38
Central Railroad of Oregon.....		<b>450,000.00</b>		<b>296,100.00</b>	<b>475,000.00</b>		<b>312,930.00</b>
Columbia & Nehalem River R. R.	Clatsop .....	36,000.00	.75	27,000.00	36,000.00	.76	28,880.00
	Columbia .....	414,000.00	.65	268,100.00	437,000.00	.65	284,050.00
Great Northern Railway Company.....	Multnomah .....	14,830.00	.70	8,228.00	14,830.00	.62	8,225.60
Great Southern Railroad Company.....	Wasco .....	304,920.00	.74	225,040.80	306,892.00	.75	229,419.00
Independence & Monmouth Railway Company, The.....	Polk .....	18,150.00	.49	8,993.50	13,200.00	.50	6,600.00
Mt. Hood Railroad Company.....	Hood River .....	305,370.00	.64	195,436.80	305,370.00	.64	195,436.80
Nevada-California-Oregon Railway.....	Lake .....	110,371.00	.76	83,881.96	110,371.00	.77	84,985.87
Northern Pacific Railway Company.....		<b>3,283,105.00</b>		<b>2,283,956.75</b>	<b>3,253,210.00</b>		<b>2,237,372.90</b>
	Columbia .....	864,275.00	.65	626,778.75	939,550.00	.65	610,707.50
	Multnomah .....	876,480.00	.60	586,858.00	968,120.00	.62	600,234.40
	Umatilla .....	1,345,400.00	.80	1,076,320.00	1,345,540.00	.80	1,076,432.00
Northern Pacific Terminal Company of Oregon, The.....	Multnomah .....	6,360,000.00	.60	3,816,000.00	6,290,000.00	.62	3,899,800.00
Oregon & California Railroad Company.....		<b>33,521,785.00</b>		<b>21,760,571.15</b>	<b>32,496,350.00</b>		<b>21,689,500.95</b>
	Benton .....	386,940.00	.62	239,302.80	359,040.00	.60	215,424.00
	Clackamas .....	1,660,165.00	.58	962,895.70	1,664,105.00	.58	965,180.90
	Douglas .....	7,463,440.00	.73	5,448,311.20	7,477,650.00	.72	5,383,908.00
	Jackson .....	4,403,940.00	.62	2,730,442.80	4,422,210.00	.62	2,741,770.20
	Josephine .....	2,346,970.00	.71	1,666,348.70	2,357,410.00	.70	1,650,187.00
	Lane .....	3,608,820.00	.60	2,105,292.00	3,533,040.00	.59	2,084,493.60
	Linn .....	3,659,620.00	.68	2,427,341.60	3,599,510.00	.68	2,447,666.80
	Marion .....	3,853,640.00	.68	2,620,475.20	3,901,270.00	.69	2,691,876.30
	Multnomah .....	1,358,380.00	.60	815,028.00	1,363,015.00	.62	845,069.30
	Polk .....	1,732,860.00	.49	849,101.40	1,611,315.00	.50	805,657.50
	Washington .....	1,856,805.00	.51	691,460.55	1,855,310.00	.51	691,208.10
	Yamhill .....	1,881,205.00	.64	1,203,971.20	1,852,475.00	.63	1,167,059.25

## REPORT OF STATE TAX COMMISSION

TABLE I—Continued

	1917			1918		
	Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
Oregon Pacific & Eastern Railway Company	119,450.00	.60	71,670.00	119,450.00	.59	70,475.50
Oregon Short Line Railroad Company	2,259,540.00	.76	1,699,755.60	2,253,430.00	.73	1,572,214.80
Oregon Trunk Railway	1,278,040.00	.59	754,043.60	1,283,020.00	.58	764,712.00
Deschutes	3,412,900.00	.48	2,334,050.00	3,457,500.00	.45	2,321,500.00
Jefferson	1,001,000.00	.70	700,700.00	998,200.00	.70	698,475.00
Sherman	5,800.00	.68	3,944.00	5,800.00	.66	3,828.00
Wasco	1,824,800.00	.74	1,350,352.00	1,818,300.00	.75	1,363,725.00
Oregon-Washington Railroad & Navigation Company	48,171,905.00		36,456,589.80	48,164,710.00		36,177,890.00
Baker	5,197,725.00	.76	3,950,271.00	5,262,510.00	.78	4,104,757.80
Deschutes	180,380.00	.48	86,582.40	183,880.00	.45	82,746.00
Gilliam	3,911,045.00	.78	3,050,615.10	3,890,480.00	.80	3,501,432.00
Hood River	2,053,675.00	.64	1,314,352.00	2,096,490.00	.64	1,341,753.60
Jefferson	590,580.00	.70	413,406.00	590,790.00	.70	413,553.60
Morrow	3,683,015.00	.88	3,241,053.20	3,590,090.00	.88	3,159,379.20
Multnomah	5,896,225.00	.60	3,537,735.00	5,912,560.00	.62	3,665,787.20
Sherman	3,622,390.00	.68	2,463,225.20	3,579,700.00	.66	2,436,512.00
Umatilla	11,748,190.00	.80	9,398,552.00	11,815,170.00	.80	9,452,136.00
Union	5,569,255.00	.84	4,678,174.20	5,583,480.00	.84	4,690,123.20
Walla Walla	1,504,320.00	.80	1,203,456.00	1,498,500.00	.81	1,140,885.00
Wasco	4,215,105.00	.74	3,119,177.70	4,251,060.00	.75	3,183,295.00
Lines owned by Oregon-Washington Railroad & Navigation Company but leased to Oregon Short Line Railroad Company	2,898,210.00		1,639,907.50	2,905,455.00		1,651,791.55
Pacific & Eastern Railway	499,860.00	.85	424,831.00	499,860.00	.86	453,761.80
Portland and Oregon City Railway Company	2,398,350.00	.59	1,415,026.50	2,377,825.00	.63	1,498,029.75
Blackamas	185,571.00	.62	115,054.02	185,841.00	.62	115,321.42
Multnomah				84,000.00		49,200.00
Columbia	149,890.00	.65	97,428.50	27,000.00	.58	23,050.00
Coos	165,960.00	.65	107,874.00	165,960.00	.65	107,874.00
Jackson	46,400.00	.62	28,768.00	47,289.00	.62	29,319.18
Portland & Southwestern R. R. Co.				27,000.00		16,740.00
C. A. Smith Lumber & Manufacturing Company				149,890.00		97,428.50
Southern Oregon Traction Company				165,960.00		107,874.00

Southern Pacific Company.....	.....	8,497,040.00	5,576,969.75	8,638,540.00	5,742,106.40
Benton .....	.....	996,510.00	617,836.20	1,037,530.00	622,518.00
Clackamas .....	.....	328,025.00	190,254.50	316,700.00	183,886.00
Coos .....	.....	746,085.00	484,955.25	766,700.00	613,360.00
Douglas .....	.....	349,725.00	255,299.25	374,480.00	269,325.60
Lane .....	.....	1,733,080.00	1,069,848.00	1,871,215.00	1,104,016.85
Linn .....	.....	685,290.00	532,655.20	604,660.00	526,054.20
Marion .....	.....	545,640.00	371,035.20	543,480.00	369,566.40
Polk .....	.....	706,920.00	480,705.60	732,080.00	478,395.55
Tillamook .....	.....	741,840.00	363,501.60	742,080.00	371,340.00
Washington .....	.....	848,710.00	752,100.30	817,790.00	751,964.70
Yamhill .....	.....	888,910.00	492,766.65	809,280.00	412,222.60
Spokane, Portland & Seattle Railway Company .....	.....	56,300.00	36,032.00	56,560.00	36,326.50
Clatsop .....	.....	11,370,265.00	7,249,179.75	10,967,060.00	7,164,324.00
Columbia .....	.....	2,339,715.00	1,754,736.25	2,287,840.00	1,738,758.40
Multnomah .....	.....	1,530,070.00	988,045.50	1,491,640.00	969,566.00
Baker .....	.....	7,510,580.00	4,506,348.00	7,187,580.00	4,456,299.60
Grant .....	.....	917,124.00	681,110.04	919,776.00	696,021.08
Benton .....	.....	539,040.00	455,270.40	599,716.00	467,778.48
Polk .....	.....	318,084.00	225,839.64	320,060.00	227,342.60
Willamette Valley & Coast Railroad Company .....	.....	.....	.....	186,840.00	97,875.00
.....	.....	.....	.....	44,560.00	26,730.00
.....	.....	.....	.....	142,280.00	71,145.00
Washington .....	.....	24,820.00	12,558.20	24,820.00	12,658.20

TABLE II

Summaries of Assessments of Sleeping Car Companies for the years 1917 and 1918, as equalized and apportioned by the State Tax Commission

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
The Pullman Company.....	.....	\$ 673,192.00	...	\$ 430,187.68	\$ 673,308.00	...	\$ 438,530.80
	Baker .....	54,576.00	.76	41,477.76	54,304.00	.78	42,357.12
	Clackamas .....	17,360.00	.58	10,068.80	17,360.00	.58	10,068.80
	Douglas .....	92,560.00	.73	67,568.80	92,560.00	.72	66,643.20
	Gilliam .....	28,304.00	.78	22,077.12	28,304.00	.90	25,473.60
	Hood River .....	23,048.00	.64	13,470.72	21,048.00	.64	13,470.72
	Jackson .....	55,208.00	.62	32,388.96	52,208.00	.62	32,388.96
	Josephine .....	26,576.00	.71	20,988.96	29,576.00	.70	20,703.20
	Lane .....	33,440.00	.60	20,184.00	33,640.00	.59	19,847.60
	Linn .....	18,672.00	.68	19,488.96	23,640.00	.83	19,466.96
	Malheur .....	3,008.00	.59	5,967.72	10,008.00	.63	6,365.04
	Marion .....	33,728.00	.88	27,297.04	35,728.00	.83	24,627.32
	Morrow .....	26,864.00	.88	23,483.52	23,876.00	.83	24,976.88
	Multnomah .....	11,840.00	.60	43,104.00	71,848.00	.96	41,545.76
	Sherman .....	11,888.00	.60	8,083.84	11,898.00	.96	7,142.48
	Umatilla .....	88,708.00	.80	70,966.40	88,176.00	.80	71,340.80
	Union .....	42,104.00	.84	35,367.36	42,104.00	.84	35,367.36
	Wasco .....	26,008.00	.74	19,245.92	26,008.00	.76	19,506.00

TABLE III

Summaries of Assessments of Electric and Street Railway Companies and of Water, Gas and Electric Companies for the years 1917 and 1918, as Equalized and Apportioned by the State Tax Commission

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
Amity Light & Power Company.....	Polk	\$ 7,260.00	.....	\$ 4,519.40	\$ 7,620.00	.....	\$ 4,630.30
Atwood Lee Company "Electric".....	Polk	1,280.00	.49	627.20	1,310.00	.50	655.00
Aumsville Electric Company.....	Yamhill	6,080.00	.64	3,891.20	6,310.00	.63	3,975.30
Bandon Power Company.....	Sherman	4,740.00	.68	3,233.20	5,000.00	.96	4,800.00
Bay Park Water System.....	Marion	.....	.....	.....	3,780.00	.69	2,698.20
Beaver Improvement & Power Company.....	Coos	18,750.00	.65	12,187.50	18,000.00	.80	14,400.00
Bend Water, Light & Power Company, The.....	Coos	.....	.....	.....	720.00	.80	576.00
Bowman & Sorenson.....	Tillamook	3,000.00	.93	2,790.00	2,000.00	.93	1,860.00
Brookings Land & Townsite Company.....	Deschutes	92,000.00	.48	44,160.00	115,000.00	.45	51,750.00
California-Oregon Power Company.....	Curry	4,000.00	.87	3,480.00	4,500.00	.87	3,935.00
Citizens' Water & Light Company.....	Douglas	727,640.00	.....	468,450.80	749,920.00	.....	484,734.20
Clatskanie Light & Power Company.....	Douglas	4,590.00	.73	3,350.70	4,630.00	.72	3,331.50
Coast Power Company.....	Jackson	521,410.00	.62	323,274.20	532,420.00	.62	328,900.40
Condon Electric Company.....	Josephine	67,730.00	.71	48,130.90	67,750.00	.70	47,795.00
Consolidated Electric Light Company.....	Klamath	133,950.00	.70	93,685.00	155,120.00	.71	110,135.20
Coos Bay Water Company.....	Linn	2,000.00	.68	1,360.00	2,200.00	.68	1,486.00
Cottage Grove Electric Company.....	Columbia	6,000.00	.65	3,900.00	6,000.00	.65	3,900.00
Creswell Electric Light & Power Company.....	Tillamook	32,000.00	.93	32,340.00	48,000.00	.93	44,640.00
Dallas Water Works, (H. V. Gates, Lessee).....	Gilliam	7,400.00	.73	5,216.00	7,500.00	.90	6,750.00
Deschutes Power Company.....	Grant	100,000.00	.71	65,000.00	108,000.00	.71	6,680.00
Donald Water Company.....	Coos	22,000.00	.65	13,200.00	22,000.00	.80	8,640.00
Douglas County Light & Water Company.....	Lane	3,525.00	.60	2,115.00	3,600.00	.59	2,134.00
Drain Water Company.....	Lane	.....	.....	.....	.....	.....	.....
	Polk	34,444.00	.49	16,925.56	38,594.00	.50	16,787.00
	Crook	14,516.80	.....	91,362.99	145,040.00	.....	91,039.14
	Deschutes	54,763.20	.59	32,310.29	56,026.00	.59	33,055.34
	Jefferson	18,112.80	.48	8,694.14	17,344.00	.45	7,804.80
	Marion	71,940.80	.70	50,338.56	71,670.00	.70	50,169.00
	Marion	1,000.00	.68	680.00	1,000.00	.69	690.00
	Douglas	174,800.00	.73	127,604.00	183,400.00	.72	132,048.00
	Douglas	5,500.00	.73	4,015.00	5,500.00	.72	3,960.00

TABLE III—Continued

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
Eastern Oregon Light & Power Company	.....	560,100.00	.....	436,242.00	566,800.00	.....	446,272.00
Baker	.....	228,200.00	.76	173,432.00	230,600.00	.78	179,568.00
Grant	.....	124,200.00	.71	86,162.00	123,100.00	.71	87,401.00
Union	.....	209,700.00	.84	176,188.00	213,100.00	.84	175,004.00
Harney	.....	8,000.00	.85	6,800.00	8,000.00	.86	6,800.00
Wallowa	.....	128,215.00	.80	102,572.00	130,400.00	.81	105,824.00
Polk	.....	6,600.00	.49	3,234.00	7,000.00	.50	3,500.00
Lane	.....	6,600.00	.60	3,900.00	6,800.00	.59	4,112.00
Douglas	.....	4,000.00	.73	2,920.00	4,000.00	.72	2,880.00
Curry	.....	2,300.00	.87	2,001.00	2,300.00	.87	2,001.00
Linn	.....	4,400.00	.68	2,992.00	4,400.00	.68	2,992.00
Morrow	.....	36,000.00	.88	31,680.00	32,000.00	.88	28,160.00
Umatilla	.....	32,725.00	.80	26,180.00	34,000.00	.80	27,200.00
Idaho Power Company	.....	140,590.00	.....	93,153.00	160,014.00	.....	114,067.92
Baker	.....	59,970.00	.76	45,577.20	88,394.00	.78	68,947.32
Malheur	.....	80,620.00	.59	47,565.80	71,620.00	.63	45,120.60
Lake	.....	7,000.00	.76	5,320.00	7,500.00	.77	5,775.00
Lane	.....	4,400.00	.60	2,640.00	4,400.00	.59	2,596.00
Klamath	.....	14,400.00	.70	10,080.00	16,600.00	.71	11,786.00
Multnomah	.....	33,000.00	.60	19,800.00	36,000.00	.62	22,320.00
Lake	.....	40,000.00	.76	30,400.00	40,000.00	.77	30,800.00
Linn	.....	42,000.00	.68	28,560.00	43,000.00	.68	29,240.00
Molalla Electric Company	.....	31,520.00	.....	19,161.60	31,472.00	.....	19,239.36
Clackamas	.....	22,720.00	.58	13,177.60	22,512.00	.58	13,056.96
Marion	.....	8,800.00	.68	5,984.00	8,960.00	.69	6,182.40
Wasco	.....	1,400.00	.74	1,036.00	1,500.00	.75	1,125.00
Linn	.....	4,500.00	.68	3,060.00	4,500.00	.68	3,060.00
Columbia	.....	141,500.00	.....	73,845.00	141,500.00	.....	73,845.00
Washington	.....	12,000.00	.65	7,800.00	12,000.00	.65	7,800.00
Multnomah	.....	129,500.00	.51	66,045.00	129,500.00	.51	66,045.00
Yamhill	.....	2,134,320.00	.60	1,280,592.00	2,310,400.00	.62	1,432,448.00
Yamhill	.....	2,200.00	.64	1,408.00	2,400.00	.63	1,512.00
North Yamhill Water Company	.....	5,720.00	.84	3,660.80	5,700.00	.83	3,591.00
Old Water System of Canyon City	.....	700.00	.71	497.00	700.00	.71	497.00
Ontario Water Company	.....	.....	.....	.....	10,000.00	.....	6,300.00

# REPORT OF STATE TAX COMMISSION

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Oregon Electric Railway Company.....	Clackamas.....	5,509,685.00	3,423,497.15	5,249,945.00	3,289,660.10
	Lane.....	209,570.00	121,550.60	198,280.00	115,002.40
	Linn.....	486,070.00	291,642.00	468,000.00	276,120.00
	Marion.....	1,175,990.00	799,673.20	1,135,255.00	771,972.40
	Multnomah.....	1,789,150.00	1,216,622.00	1,710,940.00	1,180,548.60
	Washington.....	567,420.00	340,452.00	544,600.00	337,652.00
Oregon Gas & Electric Company.....	Multnomah.....	1,281,486.00	653,557.35	1,132,870.00	608,363.70
	Washington.....	75,295.00	48,982.90	76,250.00	49,435.00
	Douglas.....	12,000.00	8,760.00	12,000.00	8,640.00
	Jackson.....	52,295.00	32,422.90	52,250.00	32,395.00
	Josephine.....	11,000.00	7,810.00	12,000.00	8,400.00
Oregon Power Company (lessee) Coos Bay Division.....	Coos.....	176,580.00	114,777.00	224,000.00	179,200.00
Oregon Power Company (lessee), Willamette Division.....	Benton.....	807,590.00	498,217.52	773,090.00	473,493.72
	Lane.....	59,200.00	36,704.00	59,200.00	35,520.00
	Linn.....	331,344.00	228,806.40	343,844.00	202,867.96
	Multnomah.....	278,182.00	189,163.76	278,182.00	189,163.76
	Polk.....	88,864.00	43,543.36	91,364.00	45,332.00
Oswego Lake Water, Light & Power Company.....	Clackamas.....	24,458.00	14,189.14	26,255.00	15,235.90
	Multnomah.....	24,283.00	14,084.14	26,055.00	15,111.90
	Multnomah.....	175.00	105.00	200.00	124.00
Pacific Power & Light Company.....	Clatsop.....	1,025,490.00	761,317.95	1,073,734.00	802,432.14
	Hood River.....	302,465.00	226,848.75	339,489.00	258,011.64
	Umatilla.....	204,770.00	131,052.80	208,300.00	133,312.00
	Umatilla.....	331,795.00	265,436.00	332,795.00	266,236.00
	Wasco.....	186,160.00	137,980.40	193,150.00	144,862.50
	Multnomah.....	4,000.00	2,400.00	4,000.00	2,480.00
Parkrose Water Works.....	Multnomah.....	670,894.00	4,042,677.72	6,669,060.00	4,123,756.80
Portland Gas & Coke Company.....	Clackamas.....	92,934.00	53,901.72	87,420.00	50,703.60
	Multnomah.....	6,647,960.00	3,988,776.00	6,532,880.00	4,037,885.60
	Washington.....	.....	.....	68,760.00	35,087.60
Portland Railway, Light & Power Company.....	Clackamas.....	24,520,444.00	14,609,292.55	21,985,585.50	13,408,087.61
	Marion.....	6,577,718.40	3,815,076.67	6,321,821.00	3,684,056.18
	Multnomah.....	17,574,102.40	10,544,481.43	15,229,934.00	9,250,943.48
	Polk.....	2,787.80	1,366.02	2,787.80	1,366.02
	Washington.....	2,056.80	1,048.97	2,056.80	1,048.97
Portland & Troutdale Electric Railway Company.....	Multnomah.....	13,500.00	8,100.00	13,500.00	8,270.00
Prairie Power Company.....	Grant.....	27,100.00	19,241.00	37,000.00	26,270.00
Preston-Shaffer Milling Company (Electric).....	Umatilla.....	10,600.00	8,480.00	13,750.00	11,000.00
Riddle Water Works.....	Douglas.....	3,600.00	2,628.00	3,600.00	2,592.00
Rogue River Public Service Corporation, The.....	Jackson.....	14,000.00	8,680.00	12,000.00	7,440.00



TABLE III—Continued

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
Rogue River Water Company of Grants Pass .....	Josephine .....	75,000.00	.71	53,250.00	75,000.00	.70	52,500.00
Rooster Rock Water Company .....	Marion .....	1,000.00	.60	600.00	1,000.00	.62	620.00
Salem Water, Light & Power Company .....	Multnomah .....	390,000.00	.68	265,200.00	390,000.00	.69	269,100.00
Sheridan Light & Power Company .....	Polk .....	21,500.00	.49	13,535.00	22,000.00	.50	14,200.00
Stavton Electric Light Company .....	Yamhill .....	1,500.00	.64	735.00	2,000.00	.63	1,000.00
St Helens Lumber Company (Electric Department) .....	Marion .....	20,000.00	.68	12,800.00	21,000.00	.63	13,230.00
Sumpter Power & Light Company .....	Columbia .....	5,000.00	.65	3,400.00	6,000.00	.69	4,140.00
Sutherlin Light & Power Company .....	Baker .....	10,500.00	.76	6,825.00	14,000.00	.65	9,100.00
Sweet Home Mountain Water Works Company .....	Douglas .....	12,000.00	.73	8,760.00	11,000.00	.78	8,580.00
Tillamook Public Service Company .....	Linn .....	954.00	.68	648.72	1,000.00	.68	360.40
Troutdale Water Works .....	Tillamook .....	2,000.00	.93	1,860.00	2,000.00	.93	1,860.00
Tualatin Valley Electric Company .....	Multnomah .....	3,000.00	.60	1,800.00	2,800.00	.62	1,735.00
Tualatin Valley Electric Company .....	Washington .....	14,584.00	.51	7,531.84	14,740.00	.51	7,613.40
Tualatin Valley Electric Company .....	Yamhill .....	13,784.00	.64	7,019.84	13,940.00	.63	7,109.40
Tualatin Valley Electric Company .....	Washington .....	800.00	.64	512.00	800.00	.63	504.00
Turner Electric Light & Power Company .....	Washington .....	5,000.00	.51	2,550.00	5,000.00	.51	2,550.00
United Railways Company .....	Marion .....	5,000.00	.68	3,400.00	5,000.00	.69	3,450.00
Vale Electric Company .....	Multnomah .....	348,520.00	.60	197,113.20	286,235.00	.62	165,528.90
Walla Walla Valley Railway Company .....	Washington .....	215,200.00	.51	129,120.00	172,255.00	.51	109,838.10
Willamette Valley Southern Railway Company .....	Malheur .....	133,320.00	.59	77,993.20	103,080.00	.63	55,630.80
Willamina Electric Company .....	Umatilla .....	20,400.00	.80	12,071.40	20,480.00	.80	12,888.80
Yamhill Electric Company .....	Clackamas .....	70,504.00	.80	56,403.20	70,504.00	.80	56,403.20
Yaquina Electric Company .....	Marion .....	336,700.00	.58	199,506.00	337,000.00	.58	200,122.50
	Marion .....	294,500.00	.58	170,810.00	294,500.00	.58	170,810.00
	Yamhill .....	42,200.00	.68	28,696.00	42,450.00	.69	29,290.50
	Marion .....	105,700.00	.64	67,112.00	105,700.00	.63	4,188.00
	Marion .....	5,800.00	.68	3,944.00	5,800.00	.69	4,002.00
	Yamhill .....	99,900.00	.64	63,936.00	99,900.00	.63	62,987.00
	Lincoln .....	32,750.00	.88	28,820.00	32,750.00	.87	28,492.50

TABLE IV

Summaries of Assessments of Express Companies for the years 1917 and 1918, as Equalized and Apportioned by the State Tax Commission

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
American Express Company.....		\$ 196,198.00		\$ 147,142.16	\$ 203,709.00		\$ 157,677.94
	Baker .....	26,417.00	.76	20,076.92	26,398.00	.78	20,512.44
	Clackamas .....	3,101.00	.58	1,798.58	5,936.00	.58	3,442.88
	Deschutes .....	2,611.00	.48	1,253.28	2,611.00	.45	1,174.95
	Gilliam .....	17,793.00	.78	13,878.54	17,793.00	.90	16,013.70
	Grant .....	1,441.50	.71	1,023.46	1,441.50	.71	1,023.46
	Hood River .....	9,208.50	.64	5,893.44	9,208.50	.64	5,893.44
	Jefferson .....	3,832.00	.70	2,682.40	3,832.00	.70	2,682.40
	Malheur .....	5,739.50	.59	3,386.31	5,739.50	.63	3,615.39
	Morrow .....	15,298.50	.88	13,462.85	15,151.50	.88	13,333.32
	Multnomah .....	18,727.00	.60	11,236.20	23,564.00	.62	14,609.88
	Sherman .....	9,432.00	.68	6,413.76	9,432.00	.96	9,055.88
	Umatilla .....	40,270.00	.80	32,216.00	40,378.00	.80	32,302.40
	Union .....	22,297.50	.84	18,729.90	22,297.50	.84	18,729.90
	Walla Walla .....	4,431.00	.80	3,584.80	4,478.00	.81	3,627.18
	Wasco .....	15,548.50	.74	11,506.89	15,347.50	.75	11,660.82
Great Northern Express Company.....		79,749.00		50,357.24	83,280.00		53,490.48
	Clackamas .....	880.00	.58	510.40	880.00	.58	510.40
	Clatsop .....	9,738.00	.75	7,303.50	9,738.00	.76	7,400.38
	Columbia .....	10,632.00	.65	6,910.80	10,632.00	.65	6,910.80
	Lane .....	3,382.00	.60	2,029.20	3,382.00	.59	1,995.38
	Linn .....	7,420.00	.68	5,045.60	8,460.00	.68	5,752.80
	Marion .....	8,836.00	.68	6,008.48	8,836.00	.69	6,096.34
	Multnomah .....	30,335.00	.60	18,201.00	33,944.00	.62	21,045.28
	Washington .....	8,526.00	.51	4,348.26	7,408.00	.51	3,778.08
		100,670.00		65,735.37	103,505.00		68,644.41
Northern Express Company.....		14,607.00	.75	10,955.25	14,607.00	.76	11,101.32
	Clatsop .....	15,948.00	.65	10,368.20	15,948.00	.65	10,368.20
	Columbia .....	2,611.00	.48	1,253.28	2,611.00	.45	1,174.95
	Deschutes .....	4,310.00	.70	3,017.00	4,310.00	.70	3,017.00
	Jefferson .....	49,440.00	.60	29,664.00	52,275.00	.62	32,410.00
	Multnomah .....	5,057.00	.68	3,419.72	5,057.00	.96	4,045.60
	Umatilla .....	8,668.00	.74	6,414.32	8,668.00	.75	6,501.00

TABLE IV—Continued

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
Wells Fargo & Company (Express)	Benton	351,231.00	.62	231,238.12	372,548.00	.60	180,306.24
	Blackamas	15,025.00	.58	9,315.50	14,240.00	.58	8,544.00
	Coos	14,750.00	.58	8,555.00	10,274.00	.58	5,958.92
	Douglas	9,186.00	.65	5,370.90	9,160.00	.80	7,328.00
	Jackson	62,258.00	.73	45,448.34	41,426.00	.72	29,826.72
	Josephine	32,630.00	.62	20,230.60	20,832.20	.62	12,947.58
	Klamath	18,485.00	.71	13,124.35	11,830.40	.70	8,281.28
	Lake	5,592.00	.70	3,914.40	5,964.80	.71	4,235.01
	Lane	2,788.00	.76	2,118.88	2,788.00	.77	2,146.76
	Lincoln	44,127.00	.60	26,476.20	36,558.00	.59	21,569.22
	Linn	8,446.00	.88	7,432.48	8,446.00	.87	7,348.02
	Marion	35,098.00	.68	23,866.64	28,646.80	.68	19,479.83
	Multnomah	33,180.00	.68	22,562.40	25,141.20	.69	17,347.43
	Polk	6,734.00	.60	4,040.40	4,431.60	.62	2,741.39
	Tillamook	19,593.00	.49	9,600.57	17,132.00	.50	8,566.00
	Washington	10,808.00	.93	10,051.44	10,808.00	.93	10,051.44
	Yamhill	17,614.00	.51	8,983.14	14,220.00	.51	7,252.20
		14,917.00	.64	9,546.88	10,608.00	.63	6,883.04

TABLE V  
Summaries of Assessments of Telegraph Companies for the years 1917 and 1918, as Equalized and Apportioned by the State Tax Commission

Counties	1917			1918		
	Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
Nevada, California and Oregon Telegraph and Telephone Company						
Postal Telegraph Company						
Lake	90,225.00		59,922.00	1,550.00	.77	1,132.50
Clackamas	4,725.00	.58	2,740.50	100,250.00		68,436.00
Clatsop	1,485.00	.75	1,113.75	5,250.00	.58	3,045.00
Columbia	7,200.00	.65	4,680.00	1,650.00	.76	1,254.00
Douglas	21,375.00	.73	15,603.75	8,000.00	.65	5,200.00
Jackson	13,500.00	.62	8,370.00	23,750.00	.72	17,100.00
Josephine	7,200.00	.71	5,112.00	15,000.00	.62	9,300.00
Lane	9,900.00	.60	5,940.00	8,000.00	.70	5,600.00
Linn	8,325.00	.68	5,661.00	11,000.00	.59	6,490.00
Marion	9,900.00	.68	6,732.00	9,250.00	.68	6,290.00
Multnomah	6,615.00	.60	2,969.00	11,000.00	.69	7,590.00
Western Union Telegraph Company						
Baker	33,322.46	.76	25,553.07	777,246.24		554,839.35
Benton	5,317.08	.62	3,606.59	28,431.92	.78	22,176.90
Clackamas	23,322.52	.58	13,880.36	6,768.08	.60	4,060.85
Clatsop	13,095.40	.75	9,821.55	25,683.68	.58	14,896.53
Columbia	29,638.08	.65	19,264.75	18,833.60	.76	10,513.54
Coos	3,250.48	.65	2,112.31	23,832.00	.65	19,390.80
Douglas	81,888.48	.73	59,778.59	4,995.52	.80	3,276.42
Gilliam	34,216.14	.78	26,688.59	83,322.64	.72	64,312.30
Hood River	23,740.64	.64	15,194.01	33,719.76	.90	33,047.78
Jackson	41,882.32	.62	25,967.04	25,477.76	.64	16,305.76
Josephine	24,952.32	.71	17,219.15	49,643.68	.62	25,199.08
Klamath	5,341.48	.70	3,739.03	23,893.48	.71	17,435.41
Lane	57,724.60	.60	34,454.76	11,075.68	.59	36,095.73
Linn	38,462.88	.88	33,047.32	61,110.72	.87	37,838.73
Lincoln	38,322.54	.68	26,063.34	42,543.24	.68	28,957.65
Linn	3,062.70	.59	2,063.33	4,572.56	.63	2,951.44
Malheur	42,463.70	.68	28,876.32	1,572.96	.63	1,035.06
Marion	29,166.00	.88	26,194.08	4,570.80	.69	3,143.85
Multnomah	60,652.12	.60	36,391.37	31,944.00	.88	28,110.72
Polk	6,346.80	.49	3,108.80	63,046.00	.62	39,460.52
Sherman	16,320.42	.68	11,029.89	6,811.20	.50	3,405.60
Tillamook	4,494.42	.93	4,179.81	17,407.28	.96	16,710.99
Union	68,830.84	.80	55,144.67	7,423.84	.93	4,393.17
Umatilla	26,003.44	.84	21,002.89	73,893.60	.80	59,114.88
Walla Walla	3,674.42	.80	2,939.53	22,832.96	.84	22,539.69
Wasco	33,556.86	.74	24,832.07	3,943.28	.81	3,194.06
Washington	10,663.04	.51	6,132.15	36,012.24	.75	27,009.18
Yamhill	7,067.48	.64	4,914.23	6,132.15	.51	1,186.71
				8,240.32	.63	5,191.40

TABLE VI

Summaries and Assessments of Telephone Companies for the years 1917 and 1918, as Equalized and Apportioned by the State Tax Commission

	Counties	1917			1918		
		Assessed values	Un. ratio	Apportioned values	Assessed values	Un. ratio	Apportioned values
Alsea Telephone Company.....	Benton .....	\$ 1,100.00	.62	\$ 682.00	\$ 1,100.00	.60	\$ 660.00
Amity Mutual Telephone Company.....	Polk .....	3,750.00	.49	2,365.25	4,000.00	.50	2,400.00
	Yamhill .....	8,535.00	.64	5,462.40	9,500.00	.63	6,000.00
Applegate Valley Telephone Company.....	Jackson .....	2,052.00	.62	1,283.28	2,000.00	.62	1,240.00
Aumsville Mutual Telephone Company.....	Josephine .....	1,812.00	.71	1,287.24	1,700.00	.70	1,190.00
Aurora Mutual Telephone Company.....	Marion .....	1,338.00	.68	908.16	1,300.00	.69	897.00
	Clackamas .....	3,750.00	.58	2,167.50	4,100.00	.58	2,378.00
Bear Creek Telephone Company.....	Marion .....	3,100.00	.58	1,818.00	3,735.00	.59	2,177.15
Beaver Creek Mutual Telephone Asso- ciation.....	Crook .....	1,035.00	.59	610.65	1,050.00	.59	619.50
Bell County Mutual Telephone Company.....	Clackamas .....	4,930.00	.58	2,859.40	4,930.00	.58	2,859.40
Bentley Telephone Company.....	Benton .....	1,190.00	.62	737.80	1,190.00	.60	714.00
	Polk .....	.....	.....	.....	1,090.00	.50	545.00
	Tillamook .....	.....	.....	.....	810.00	.50	405.00
	Yamhill .....	.....	.....	.....	90.00	.93	83.70
Bisher Telephone Company.....	Baker .....	3,410.00	.76	2,591.60	120.00	.63	76.60
Blue Mountain Toll Line.....	.....	.....	.....	.....	4,140.00	.78	3,239.30
	Grant .....	.....	.....	.....	1,500.00	.71	1,065.00
	Morrow .....	.....	.....	.....	500.00	.88	440.00
	Wheeler .....	.....	.....	.....	300.00	.83	254.00
Bowman, C. P., Telephone Line.....	.....	.....	.....	.....	700.00	.83	581.00
	Morrow .....	1,771.00	.88	1,432.64	1,932.00	.88	1,698.24
	Umatilla .....	198.00	.80	158.40	216.00	.80	172.80
Bradford, C. A.....	Grant .....	1,573.00	.71	1,106.81	1,718.00	.71	1,219.78
Bunting Telephone Company.....	.....	2,400.00	.71	1,704.00	2,700.00	.71	1,917.00
	Klamath .....	1,645.00	.70	1,151.50	1,645.00	.71	1,168.55
	Lake .....	385.00	.76	292.60	385.00	.77	297.35
Butte Falls & Eagle Point Telephone Company.....	.....	1,260.00	.76	957.60	1,260.00	.77	970.30
Calapoola Telephone Company, The.....	Jackson .....	2,112.00	.62	1,311.44	2,620.00	.62	1,592.40
Canby Cooperative Telephone Associa- tion.....	Douglas .....	2,216.00	.73	1,544.68	2,205.00	.72	1,589.76
Chemawa Mutual Telephone Company.....	Clackamas .....	3,858.00	.58	2,237.64	4,080.00	.58	2,366.40
	Marion .....	2,300.00	.68	1,498.00	2,500.00	.69	1,735.00

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Citizens' Mutual Telephone Company of Needy .....	Clackamas .....	1,530.00	904.40	1,836.00	1,087.22
Clatskanie Telephone Company.....	Marion .....	1,360.00	178.80	1,532.00	1,916.56
Clear Creek Mutual Telephone Company.....	Columbia .....	2,700.00	185.60	2,880.00	140.76
Cloverdale Telephone Company.....	Clackamas .....	2,800.00	182.90	2,980.00	2,405.00
Colton Telephone Company.....	Tillamook .....	3,665.00	2,095.70	3,760.00	3,091.00
Columbia Telephone Company of Oregon.....	Clackamas .....	1,080.00	3,513.40	4,120.00	3,831.60
Coos & Curry Telephone Company.....	Multnomah .....	1,914.00	626.40	1,086.00	823.88
Corvallis Independent Telephone Com- pany .....	Coos .....	11,543.30	73,188.05	113,063.30	1,618.20
Dallas Telephone Company.....	Curry .....	106,305.00	69,098.25	107,825.00	90,327.12
Damascus Telephone Company.....	Douglas .....	1,970.30	1,714.16	1,970.30	86,260.00
Daville-Canyon Telephone Company.....	.....	3,268.00	2,385.64	3,268.00	1,714.16
Dent Telephone Company.....	Benton .....	52,479.00	32,536.98	53,382.00	2,352.96
Deschutes Mutual Telephone Company.....	Polk .....	21,648.00	10,607.52	21,648.00	32,029.20
Deschutes .....	Clackamas .....	1,564.00	907.12	1,840.00	10,824.00
Drain-Umpqua Telephone Company.....	Grant .....	1,530.00	1,086.30	1,666.00	1,067.20
Drewsey Telephone Company.....	Lake .....	2,665.00	2,025.40	2,080.00	1,182.86
Dufur Local & Long Distance Telephone Company .....	.....	4,092.00	2,235.52	4,734.00	1,601.60
Farmers National Telephone Company.....	Crook .....	2,376.00	1,401.84	1,296.00	2,311.74
Firwood-Dover Telephone Company.....	Deschutes .....	1,716.00	823.68	3,438.00	764.64
Five Rivers Cooperative Telephone Company .....	Douglas .....	1,815.00	1,324.95	1,980.00	1,547.10
Fossil Telephone Exchange.....	Harney .....	8,648.00	5,932.16	6,440.00	1,425.60
Galloway Telephone Company, The.....	Malheur .....	3,384.00	2,876.40	2,520.00	4,638.80
Glendale Telephone Company.....	Wasco .....	5,264.00	3,105.76	5,920.00	2,167.20
Haines Telephone Company.....	.....	6,300.00	4,662.00	6,300.00	2,469.60
Hillsboro Telephone Company.....	Benton .....	1,056.00	773.76	1,000.00	4,725.00
Holman Independent Telephone Company of La Grande.....	Lane .....	288.00	178.56	290.00	4,386.00
Home Telephone Company of Condon.....	Lincoln .....	288.00	172.80	250.00	812.00
.....	Wheeler .....	480.00	442.40	450.00	719.00
.....	Morrow .....	1,375.00	1,045.00	2,400.00	180.00
.....	Douglas .....	1,280.00	2,039.20	2,340.00	147.50
.....	Baker .....	3,910.00	2,514.00	2,200.00	291.50
.....	Umatilla .....	21,450.00	2,971.60	4,600.00	1,892.00
.....	Washington .....	1,932.00	10,939.50	1,600.00	2,552.20
.....	Umatilla .....	.....	1,545.60	21,070.00	864.00
.....	Union .....	137,634.00	113,894.16	1,932.00	3,588.00
.....	Wallowa .....	94,424.00	79,316.16	21,070.00	1,230.00
.....	Gilliam .....	43,210.00	34,568.00	1,932.00	10,745.70
.....	.....	4,183.00	3,262.74	1,932.00	1,545.60
.....	.....	.....	.....	188,330.00	114,871.32
.....	.....	.....	.....	94,134.00	79,072.56
.....	.....	.....	.....	44,196.00	35,798.76
.....	.....	.....	.....	4,136.00	3,722.40

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TABLE VI—Continued

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
Home Telephone Company of Linnton.....	Multnomah .....	2,675.00	.60	1,605.00	.....	.....	.....
Home Telephone & Telegraph Company of Portland.....	.....	1,129,325.00	.....	680,003.00	1,091,208.00	.....	678,416.96
.....	Linn .....	30,100.00	.68	20,468.00	30,100.00	.68	20,468.00
.....	Multnomah .....	1,099,225.00	.66	655,535.00	1,061,208.00	.62	657,948.96
Home Telephone & Telegraph Company of Southern Oregon.....	Jackson .....	110,716.20	.62	68,644.04	112,278.50	.62	69,612.67
Independence Telephone Company.....	Polk .....	12,555.00	.49	6,151.95	12,600.00	.50	6,300.00
Independent Telephone Company of Forest Grove.....	Washington .....	18,550.00	.51	9,460.50	18,550.00	.51	9,460.50
Independent Telephone Company of Pilot Rock.....	Umatilla .....	13,200.00	.80	10,560.00	13,500.00	.80	10,800.00
Inter-Mountain Telephone & Telegraph Company.....	.....	18,270.00	.....	14,612.22	22,440.00	.....	18,372.60
.....	Grant .....	14,742.00	.85	12,530.70	1,320.00	.71	937.20
.....	Harney .....	3,528.00	.59	2,081.52	17,960.00	.86	15,446.80
.....	Malheur .....	18,216.00	.68	12,386.88	3,160.00	.63	1,990.80
Interurban Telephone Company.....	Marion .....	1,606.00	.71	1,140.26	18,590.00	.69	12,827.10
Izee-Bear Valley Telephone Company.....	Grant .....	1,606.00	.71	1,140.26	1,606.00	.71	1,140.26
Kenwill Telephone Company.....	Coos .....	1,417.00	.65	921.05	1,417.00	.80	1,133.60
Klamath Telephone & Telegraph Company.....	Klamath .....	3,990.00	.70	2,793.00	3,990.00	.71	2,832.90
Lake County Telephone & Telegraph Company.....	Lake .....	4,500.00	.76	3,420.00	4,500.00	.77	3,465.00
Lakeview-Pine Creek Electric Company.....	Lake .....	3,802.50	.76	2,889.90	4,095.00	.77	3,153.15
LaPeyette Telephone Company.....	Yamhill .....	1,681.00	.64	1,075.84	1,722.00	.63	1,084.86
Langrell Valley Telephone Company.....	Klamath .....	1,560.00	.70	1,092.00	1,560.00	.71	1,107.60
Lapine & Southern Telephone & Telegraph Company.....	.....	1,470.00	.....	1,068.90	1,540.00	.....	1,130.80
.....	Deschutes .....	105.00	.48	50.40	110.00	.45	49.50
.....	Klamath .....	315.00	.70	220.50	330.00	.71	234.30
.....	Lake .....	1,050.00	.76	798.00	1,100.00	.77	847.00
.....	Linn .....	6,765.00	.68	4,600.20	6,765.00	.68	4,600.20
.....	Marion .....	1,080.00	.68	734.40	990.00	.69	683.10
.....	Polk .....	1,100.00	.49	539.00	979.00	.50	489.50
Lebanon Mutual Telephone Company.....	.....	2,144.00	.....	1,449.92	2,100.00	.....	1,476.00
Lewisburg Mutual Telephone Company.....	.....	1,088.00	.76	826.88	1,020.00	.78	796.60
Luckiamute Rural Telephone Company.....	.....	1,056.00	.59	623.04	1,080.00	.63	680.40
Malheur & Baker County Telephone Company.....	Baker .....	.....	.....	.....	.....	.....	.....
.....	Malheur .....	.....	.....	.....	.....	.....	.....

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Malheur Home Telephone Company.....	38,380.00	22,507.40	38,380.00	24,418.80
Baker.....	980.00	129.60	1,880.00	1,310.40
Malheur.....	37,400.00	22,077.80	36,680.00	23,108.40
McMinnville Local & Long Distance Telephone Company.....	26,180.00	16,755.20	26,180.00	16,493.40
Medical Springs Telephone Company.....	1,350.00	1,044.72	1,500.00	1,182.00
Baker.....	1,116.00	848.16	1,300.00	1,014.00
Union.....	234.00	196.56	200.00	168.00
Merrill Telephone & Telegraph Company.....	1,204.00	842.80	1,120.00	71
Milton Rural Telephone Company.....	4,927.00	3,941.60	4,548.00	3,638.40
Molalla Telephone Company.....	3,600.00	2,088.00	4,500.00	2,610.00
Monroe Telephone Company.....	2,000.00	1,239.00	2,010.00	1,205.50
Benton.....	1,950.00	1,209.00	1,960.00	1,176.00
Lane.....	50.00	30.00	50.00	29.50
Wasco.....	2,000.00	1,480.00	2,000.00	1,500.00
Lake.....	1,380.00	1,048.80	1,260.00	970.20
Marion.....	2,352.00	1,599.36	2,448.00	1,689.12
Moster Valley Telephone Company.....	20,910.00	12,436.20	20,590.00	12,553.52
Moss Telegraph & Telephone Company.....	5,490.00	3,184.20	5,307.00	3,078.06
Mt. Angel Telephone Company.....	15,420.00	9,252.00	15,283.00	9,475.46
Multnomah & Clackamas County Mutual Telephone Company.....	1,824.00	1,331.52	2,280.00	1,641.60
Myrtle Creek Telephone Exchange.....	1,386.00	917.70	1,650.00	1,094.50
Nehalem Mutual Telephone Company.....	168.00	126.00	200.00	152.00
Clatsop.....	1,218.00	791.70	1,450.00	942.50
Columbia.....	18,810.00	12,038.40	18,815.00	11,853.45
Yamhill.....	1,028.50	822.80	1,210.00	980.10
Wallowa.....	77,587.50	48,503.68	91,575.00	57,631.20
Benton.....	2,850.00	1,767.00	3,300.00	1,980.00
Clackamas.....	18,430.00	10,689.40	21,340.00	12,377.20
Linn.....	11,210.00	7,622.80	12,980.00	8,826.40
Marion.....	26,695.00	18,152.60	30,910.00	21,327.90
Multnomah.....	11,495.00	6,897.00	13,310.00	8,252.20
Polk.....	6,887.50	3,374.88	9,735.00	4,867.50
Oregon City & Farmers Independent Telephone Company.....	15,498.00	8,936.64	15,408.00	8,936.64
Oregon-Washington Telephone Company.....	87,840.00	56,217.60	87,840.00	56,217.60
Pacific Telephone & Telegraph Company, The.....	6,159,378.90	3,848,368.30	6,234,306.00	3,990,024.89
Baker.....	99,787.80	75,838.73	95,640.00	74,599.20
Benton.....	39,643.20	24,578.78	35,328.00	21,196.80
Clackamas.....	135,590.00	78,642.20	138,824.00	77,617.92
Clatsop.....	111,060.00	83,295.00	126,280.00	95,972.80
Columbia.....	39,630.00	25,759.50	41,490.00	26,968.50
Coos.....	3,696.00	2,402.40	3,690.00	2,952.00
Crook.....	9,780.00	5,770.20	11,280.00	6,655.20



## REPORT OF STATE TAX COMMISSION

TABLE VI—Continued

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co ratios	Apportioned values
Panhandle Cooperative Telephone Company	Deschutes	20,452.00	.48	9,816.96	19,548.00	.45	8,796.60
	Douglas	95,290.80	.73	69,562.29	91,160.00	.72	65,635.20
	Gilliam	18,085.00	.78	12,546.30	16,125.00	.90	14,512.50
	Grant	7,885.00	.71	5,456.35	7,020.00	.71	4,984.20
	Hood River	18,636.00	.64	11,927.04	17,310.00	.64	11,018.40
	Jackson	117,712.00	.62	72,981.44	106,100.00	.62	65,782.00
	Jefferson	4,356.00	.70	3,049.20	3,996.00	.70	2,797.20
	Josephine	63,382.00	.71	45,001.22	61,026.00	.70	42,718.20
	Klamath	57,388.80	.70	40,172.16	58,254.00	.71	41,360.34
	Lane	259,703.60	.60	155,823.36	265,244.00	.59	150,532.96
	Lincoln	8,148.00	.88	7,170.24	8,040.00	.87	6,994.80
	Linn	112,881.60	.68	76,759.49	113,664.00	.68	77,291.52
	Marion	284,316.00	.68	193,334.88	285,000.00	.69	196,650.00
	Morrow	17,022.00	.88	14,979.36	15,106.00	.88	13,293.28
	Multnomah	4,301,097.90	.60	2,580,658.74	4,390,336.00	.62	2,722,008.32
	Polk	17,700.00	.49	8,673.00	17,480.00	.50	8,740.00
	Sherman	12,310.40	.68	8,371.07	11,820.00	.96	11,347.20
	Tillamook	27,558.00	.93	25,628.94	27,860.00	.93	25,909.80
	Umatilla	133,690.20	.80	106,952.16	141,280.00	.80	112,091.00
	Union	19,300.00	.84	16,212.00	15,400.00	.84	12,986.00
	Wasco	90,656.00	.74	67,085.44	91,200.00	.76	68,400.00
	Washington	18,489.60	.51	9,429.69	17,610.00	.51	8,981.10
	Wheeler	330.00	.76	250.80	175.00	.83	145.25
	Yamhill	15,999.00	.64	10,239.36	16,020.00	.63	10,092.60
	Baker	1,280.00	.76	972.80	1,680.00	.78	1,310.40
Peoples Cooperative Telephone Company	Linn				1,184.00		810.72
	Marion				624.00	.68	424.32
Philomath Independent Telephone Company	Benton				560.00	.69	386.40
	Jackson	1,500.00	.62	930.00	1,200.00	.61	720.00
	Crook	1,235.00	.62	765.70	1,300.00	.61	806.00
	Linn	1,952.00	.59	1,151.68	1,830.00	.59	1,079.70
	Polk	4,200.00	.68	2,856.00	4,200.00	.68	2,856.00
	Columbia	1,581.00	.49	771.69	1,860.00	.50	930.00
	Crook	1,560.00	.65	1,014.00	1,650.00	.65	1,007.50
	Riverdale	2,880.00	.58	1,693.20	2,560.00	.59	1,510.40
	Salem-Fairfield Telephone Association	1,500.00	.68	1,020.00	1,400.00	.69	966.00
	Scholls Telephone Company, The	7,000.00	.51	3,570.00	7,000.00	.51	3,570.00

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Sheridan-Willamina Telephone Company	Polk	7,230.00	4,357.20	9,158.00	5,473.11
Sherwood Telephone Company	Yamhill	1,800.00	832.00	2,230.00	1,140.00
		5,430.00	3,475.20	6,878.00	4,333.14
	Clackamas	2,320.00	1,225.83	2,700.00	1,429.92
	Washington	603.00	353.22	756.00	438.48
		1,711.00	872.61	1,944.00	991.44
Smith River Mutual Telephone Company	Douglas	1,044.00	762.12	1,044.00	751.68
Smock & Daly Telephone Company	Josephine	1,210.00	859.10	1,232.00	862.40
Southern Curry Telephone Company	Curry	3,430.00	2,985.84	3,220.00	2,801.40
Stayton Cooperative Switchboard Association		4,860.00	3,304.80	5,040.00	3,463.60
	Linn	1,350.00	918.00	1,400.00	952.00
	Marion	3,510.00	2,386.80	3,640.00	2,511.60
		1,215.00	826.20	1,350.00	931.50
	Linn	1,120.00	761.60	1,400.00	952.00
St Paul Mutual Telephone Company		5,875.00	2,572.50	5,400.00	3,993.44
Sweet Home, Foster & Cascade Telephone Company	Clackamas	1,087.50	1,932.00	1,932.00	1,155.36
	Washington	3,500.00	1,785.00	3,408.00	1,738.08
Tigardville Telephone Company					
Tillamook County Mutual Telephone Company	Tillamook	7,290.00	6,779.70	10,430.00	9,699.90
Turner Telephone Company	Marion	1,100.00	748.00	1,620.00	1,117.80
Union County Telephone Company	Union	23,856.00	23,856.00	30,600.00	25,704.00
UWasco Southern Telephone Company		2,461.00	1,630.80	2,461.00	1,919.81
	Jefferson	322.00	225.40	322.00	225.40
	Wasco	1,012.00	748.88	1,012.00	759.00
	Wheeler	1,127.00	856.52	1,137.00	835.41
	Malheur	1,482.00	874.38	1,444.00	909.72
	Lincoln	1,104.00	971.52	1,056.00	918.72
					2,398.00
Westfall Valley Telephone Company	Yamhill	3,640.00	2,329.60	4,600.00	3,976.50
Yachats Telephone Company	Yamhill			1,550.00	
Yamhill County Mutual Telephone Company					
Yamhill Mutual Telephone Company					
Miscellaneous telephone companies (249 for 1917 and 254 for 1918), the assessed value of no one exceeding \$1,000.00		89,115.50	60,597.16	92,067.00	64,488.29
	Baker	3,748.00	2,314.96	2,678.00	2,088.84
	Benton	2,008.15	499.81	1,002.37	601.42
	Clackamas	2,662.00	1,161.16	2,252.00	1,306.16
	Clatsop	2,662.00	421.50	687.00	522.12
	Columbia	2,697.00	1,533.05	2,626.50	1,707.23
	Coos	2,513.00	2,337.35	4,157.50	3,326.00
	Crook	2,543.00	1,501.55	2,841.00	1,676.19
	Curry	1,538.00	1,557.35	1,865.00	1,622.55
	Douglas	2,638.00	737.28	948.00	426.60
	Deshutes	2,638.00	6,341.09	8,351.00	6,012.72
	DeWitt	2,968.50	2,089.00	2,090.00	1,881.00
	Gilliam	1,264.00	1,789.32	2,090.00	1,192.80
	Grant	1,523.00	1,199.19	1,686.00	84
	Harney	523.00	448.80	512.00	440.32
	Jackson	2,804.00	1,738.48	2,242.00	1,390.04

TABLE VI—Continued

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
	Jefferson .....	1,692.00	.70	1,184.40	1,664.00	.70	1,164.80
	Josephine .....	2,458.00	.71	1,745.18	2,337.50	.70	1,678.25
	Klamath .....	1,139.00	.70	797.30	1,111.00	.71	788.81
	Lake .....	756.00	.76	574.56	720.00	.77	554.40
	Lane .....	7,988.60	.60	4,781.16	10,537.63	.59	6,211.28
	Lincoln .....	1,198.00	.88	1,054.24	1,821.00	.87	1,584.27
	Linn .....	5,650.00	.88	3,442.00	5,713.00	.88	3,584.84
	Malheur .....	1,080.00	.59	637.20	1,167.50	.63	735.53
	Marion .....	4,720.50	.88	3,209.94	6,340.00	.89	4,374.60
	Morrow .....	342.00	.88	300.96	358.00	.88	315.04
	Multnomah .....	376.75	.60	227.25	373.00	.62	231.26
	Polk .....	5,988.00	.49	2,939.02	4,494.00	.50	2,247.00
	Sherman .....	2,082.00	.88	1,422.56	2,012.00	.96	1,981.52
	Tillamook .....	766.00	.93	712.38	1,054.00	.93	980.22
	Umatilla .....	5,718.80	.80	4,575.04	6,166.00	.80	4,932.80
	Union .....	520.00	.84	436.80	680.00	.84	408.20
	Wallowa .....	1,492.00	.80	1,193.60	2,656.00	.81	2,151.36
	Wasco .....	4,646.00	.74	3,438.04	4,851.00	.75	3,638.25
	Washington .....	1,892.00	.51	964.92	1,895.00	.51	968.45
	Wheeler .....	1,145.00	.76	870.20	880.00	.83	730.40
	Yamhill .....	1,843.00	.64	1,179.52	1,251.00	.63	790.02

TABLE VII

Summaries of Assessments of Refrigerator Car Companies and Tank Line Companies for the years 1917 and 1918, as Equalized and Apportioned by the State Tax Commission

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co. ratios	Apportioned values
Associated Oil Company.....	Multnomah .....	.....	.....	.....	\$ 6,500.00	.62	\$ 4,030.00
Fruit Growers Express Inc.....	Clackamas .....	.....	.....	.....	3,673.60	.....	2,463.78
	Douglas .....	.....	.....	.....	217.00	.58	125.86
	Josephine .....	.....	.....	.....	1,157.00	.72	833.04
	Lane .....	.....	.....	.....	652.60	.62	404.61
	Linn .....	.....	.....	.....	369.70	.70	258.79
	Marion .....	.....	.....	.....	420.50	.59	248.10
	Multnomah .....	.....	.....	.....	358.40	.68	243.71
	.....	.....	.....	.....	446.60	.69	308.15
	.....	.....	.....	.....	50.00	.....	.....

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Interstate Tank Car Corporation.....	1,542.32	1,542.32	78	78
Baker.....	257.13	257.13	90	90
Gilliam.....	159.21	159.21	64	64
Hood River.....	84.19	84.19	88	88
Morrow.....	130.46	130.46	62	62
Multnomah.....	148.25	148.25	96	96
Sherman.....	201.80	201.80	80	80
Umatilla.....	71.33	71.33	84	84
Union.....	371.92	371.92	75	75
Wasco.....	221.05	221.05	75	75
Pacific Fruit Express Company.....	132,183.72	132,183.72	78	78
Baker.....	7,941.96	7,941.96	58	58
Benton.....	4,815.00	4,815.00	72	72
Clackamas.....	2,847.80	2,847.80	90	90
Douglas.....	16,850.80	16,850.80	64	64
Gilliam.....	2,140.00	2,140.00	88	88
Hood River.....	5,307.00	5,307.00	62	62
Jackson.....	3,946.50	3,946.50	96	96
Josephine.....	2,525.76	2,525.76	80	80
Lane.....	13,052.00	13,052.00	84	84
Linn.....	7,394.00	7,394.00	75	75
Malheur.....	8,410.00	8,410.00	75	75
Marion.....	7,168.00	7,168.00	63	63
Morrow.....	1,876.50	1,876.50	63	63
Multnomah.....	8,932.00	8,932.00	89	89
Polk.....	5,611.50	5,611.50	88	88
Sherman.....	13,383.50	13,383.50	62	62
Union.....	5,418.00	5,418.00	50	50
Umatilla.....	2,654.82	2,654.82	96	96
Wasco.....	1,515.72	1,515.72	80	80
Washington.....	14,020.00	14,020.00	84	84
Yamhill.....	6,631.38	6,631.38	75	75
Santa Fe Refrigerator Despatch Com- pany, The.....	8,003.23	8,003.23	51	51
Baker.....	682.20	682.20	63	63
Clackamas.....	518.47	518.47	78	78
Douglas.....	251.72	251.72	58	58
Gilliam.....	1,689.22	1,689.22	72	72
Hood River.....	2,314.00	2,314.00	90	90
Jackson.....	353.80	353.80	64	64
Josephine.....	263.10	263.10	88	88
Lane.....	1,305.20	1,305.20	62	62
Linn.....	809.22	809.22	96	96
Malheur.....	739.40	739.40	80	80
Marion.....	841.00	841.00	84	84
Morrow.....	716.80	716.80	59	59
Multnomah.....	125.10	125.10	68	68
Sherman.....	893.20	893.20	89	89
Umatilla.....	296.50	296.50	88	88
Union.....	505.20	505.20	62	62
Wasco.....	303.12	303.12	96	96
Yamhill.....	148.60	148.60	80	80
Baker.....	744.32	744.32	84	84
Clackamas.....	923.80	923.80	80	80
Douglas.....	526.30	526.30	84	84
Gilliam.....	442.09	442.09	80	80
Hood River.....	240.57	240.57	75	75
Jackson.....	893.20	893.20	89	89
Josephine.....	296.50	296.50	88	88
Lane.....	505.20	505.20	62	62
Linn.....	303.12	303.12	96	96
Malheur.....	148.60	148.60	80	80
Marion.....	744.32	744.32	84	84
Morrow.....	923.80	923.80	80	80
Multnomah.....	526.30	526.30	84	84
Sherman.....	442.09	442.09	80	80
Umatilla.....	240.57	240.57	75	75
Union.....	893.20	893.20	89	89
Wasco.....	296.50	296.50	88	88
Yamhill.....	505.20	505.20	62	62
Baker.....	303.12	303.12	96	96
Clackamas.....	148.60	148.60	80	80
Douglas.....	744.32	744.32	84	84
Gilliam.....	923.80	923.80	80	80
Hood River.....	526.30	526.30	84	84
Jackson.....	442.09	442.09	80	80
Josephine.....	240.57	240.57	75	75
Lane.....	893.20	893.20	89	89
Linn.....	296.50	296.50	88	88
Malheur.....	505.20	505.20	62	62
Marion.....	303.12	303.12	96	96
Morrow.....	148.60	148.60	80	80
Multnomah.....	744.32	744.32	84	84
Sherman.....	923.80	923.80	80	80
Umatilla.....	526.30	526.30	84	84
Union.....	442.09	442.09	80	80
Wasco.....	240.57	240.57	75	75

## REPORT OF STATE TAX COMMISSION

TABLE VII—Continued.

	Counties	1917			1918		
		Assessed values	Co. ratios	Apportioned values	Assessed values	Co ratios	Apportioned values
Swift Refrigerator Company	Transportation						
	Company	2,027.35		1,533.57	1,953.05		1,542.33
	Baker	341.10	.76	259.24	329.65	.78	257.13
	Gilliam	176.90	.78	137.98	176.90	.90	159.21
	Hood River	131.55	.64	84.19	131.55	.64	84.19
	Malheur	132.55	.59	36.90			
	Morrow	138.25	.38	130.48	148.25	.88	130.16
	Multnomah	231.80	.80	121.05	201.80	.62	125.12
	Sherman	465.20	.86	50.55	74.30	.96	171.33
	Umatilla	465.20	.86	372.16	464.90	.80	371.32
	Union	263.15	.34	221.15	263.15	.84	221.35
	Wasco	162.55	.74	120.23	162.55	.75	121.31
	Multnomah				5,400.00	.62	3,328.00
Union Meat Company	Multnomah				10,600.00	.62	6,572.00
	Union Oil Company of California						
	Union Tank Line Company						
	Baker	30,910.50		31,402.59	39,421.60		38,316.19
	Benton	2,046.61		1,556.41	3,354.00	.78	2,647.32
	Clackamas	343.50	.62	212.97	307.50	.60	184.50
	Douglas	868.00	.58	503.44	868.00	.58	503.44
	Gilliam	4,622.00	.73	3,378.44	4,622.00	.72	3,332.16
	Hood River	1,061.40	.76	827.89	1,769.00	.90	1,592.10
	Jackson	789.30	.64	505.15	1,315.50	.64	841.32
	Josephine	2,610.40	.62	1,618.45	2,610.40	.62	1,618.45
	Lane	1,478.80	.71	1,049.94	1,478.80	.70	1,036.16
	Linn	1,682.00	.60	1,009.20	1,682.00	.59	992.38
Union Tank Line Company	Malheur	1,433.60	.68	974.85	1,433.60	.68	974.85
	Marrow	375.30	.59	221.43	625.50	.63	394.07
	Morrow	1,786.40	.68	1,214.75	1,786.40	.69	1,232.62
	Multnomah	889.50	.88	782.76	1,482.50	.88	1,304.60
	Polk	2,828.20	.60	1,696.92	4,093.10	.62	2,537.72
	Sherman	738.30	.49	361.77	738.30	.50	369.15
	Umatilla	445.80	.68	303.14	743.00	.96	713.28
	Union	2,791.20	.80	2,232.96	4,649.00	.80	3,719.20
	Wasco	1,578.90	.84	1,326.28	2,631.50	.84	2,210.46
	Washington	1,975.30	.74	721.73	1,625.50	.75	1,219.12
	Yamhill	717.60	.51	365.97	717.60	.51	365.98
		842.40	.64	539.14	842.40	.63	530.71

# REPORT OF STATE TAX COMMISSION

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TABLE VIII  
Summary of Assessment Roll of 1917, Showing Assessments of Property of Certain Public Service Companies,  
Equalized and Apportioned by the State Tax Commission

County	Railroad Companies, Union Station and Depot Companies			Sleeping Car Companies			Electric and Street Railway Companies, Water, Gas and Electric Companies			Express Companies		
	Assessed Value	Apportioned Value		Assessed Value	Apportioned Value		Assessed Value	Apportioned Value		Assessed Value	Apportioned Value	
Baker .....	\$ 6,777,965.00	\$ 5,151,253.40		\$ 54,576.00	\$ 41,477.76		\$ 300,170.00	\$ 228,129.20		\$ 26,417.00	\$ 20,076.92	
Benton .....	1,383,450.00	857,739.00		17,360.00	10,068.80		59,200.00	36,704.00		15,025.00	9,315.50	
Blackamas .....	1,983,190.00	1,153,150.20					7,231,725.40	4,188,600.73		18,731.00	10,863.98	
Clatsop .....	2,375,715.00	1,781,786.25					302,465.00	226,848.75		24,345.00	18,258.75	
Columbia .....	3,043,235.00	1,981,352.75					28,500.00	18,525.00		26,580.00	17,377.00	
Coos .....	912,045.00	592,829.25					295,330.00	191,964.50		9,188.00	5,970.90	
Crook .....							54,763.20	32,310.29				
Curry .....	761,680.00	365,606.40					6,700.00	5,829.00				
Deschutes .....	783,165.00	570,610.15					110,112.80	92,854.14		5,232.00	2,506.56	
Douglas .....	3,917,045.00	3,050,616.10		92,560.00	67,538.80		216,490.00	158,037.70		62,258.00	45,448.34	
Gilliam .....	318,084.00	226,839.84		26,304.00	22,077.12		7,200.00	5,916.00		17,793.00	13,878.54	
Grant .....							187,400.00	111,754.00		1,441.50	1,023.46	
Harney .....	429,860.00	424,881.00					8,000.00	6,000.00				
Hood River .....	2,339,045.00	1,509,788.80		21,048.00	13,470.72		294,770.00	131,052.80		9,208.50	5,393.44	
Jackson .....	4,685,911.00	2,874,264.82		52,208.00	32,368.96		587,705.00	364,377.10		32,630.00	20,330.60	
Jefferson .....	1,591,580.00	1,114,106.00					71,940.80	50,358.56		8,142.00	5,099.40	
Josephine .....	2,423,870.00	1,720,947.70		29,576.00	20,998.96		183,790.00	109,190.90		18,485.00	13,424.36	
Klamath .....	1,258,520.00	880,964.00					148,250.00	103,775.00		5,692.00	3,914.40	
Lake .....	110,371.00	83,881.36					47,000.00	35,720.00		2,788.00	2,118.88	
Lane .....	5,955,740.00	3,673,444.00		33,640.00	20,184.00		908,839.00	542,303.40		47,509.00	28,605.40	
Lincoln .....	605,290.00	532,655.20					32,750.00	28,820.00		8,446.00	7,432.48	
Linn .....	4,115,260.00	2,798,376.80					1,508,026.00	1,025,457.68		42,518.00	28,912.24	
Malheur .....	3,676,390.00	2,169,070.10		28,672.00	19,496.96		1,011,080.00	59,637.20		6,739.50	3,886.31	
Marion .....	4,560,560.00	3,101,180.80		10,008.00	5,904.72		2,610,728.80	1,775,295.45		42,016.00	28,570.88	
Morrow .....	3,683,015.00	3,241,053.20		38,728.00	24,295.04		36,000.00	31,680.00		15,298.50	13,462.68	
Multnomah .....	22,116,495.00	13,269,897.00		71,940.00	43,104.00		27,193,677.40	16,316,206.44		105,236.00	63,141.60	
Polk .....	2,492,850.00	1,221,496.50					135,575.80	66,432.14		19,593.00	9,600.57	
Sherman .....	3,693,190.00	2,467,169.20		11,888.00	8,083.84		4,740.00	3,223.20		9,461.00	6,433.48	
Tillamook .....	808,710.00	752,100.30					43,000.00	39,390.00		10,808.00	10,051.44	
Umatilla .....	13,093,590.00	10,474,872.00		88,708.00	70,966.40		445,624.00	356,499.20		45,327.00	36,361.60	
Union .....	5,695,984.00	4,725,826.56		42,104.00	35,367.36		209,700.00	176,148.00		22,297.50	18,729.90	
Wallowa .....	1,504,320.00	1,203,456.00					138,215.00	102,572.00		4,481.00	3,584.80	
Wasco .....	6,344,825.00	4,695,170.50		26,008.00	19,245.92		187,860.00	139,016.40		24,215.50	17,920.21	
Washington .....	2,209,540.00	1,196,865.40					1,565,125.30	798,214.16		26,140.00	13,331.40	
Wheeler .....												
Yamhill .....	1,995,405.00	1,277,095.20					140,500.00	89,920.00		14,917.00	9,546.88	
State .....	\$124,584,895.00	\$ 86,102,309.48		\$673,192.00	\$480,167.68		\$45,227,953.80	\$27,603,862.94		\$727,848.00	\$494,472.89	

## REPORT OF STATE TAX COMMISSION

TABLE VIII—Continued

County	Refrigerator Car Companies, Tank Line Companies			Telegraph Companies			Telephone Companies			Total Value of Property Assessed and Apportioned by State Tax Commission		
	Assessed Value	Apportioned Value		Value Assessed	Apportioned Value		Assessed Value	Apportioned Value		Assessed Value	Apportioned Value	
Baker .....	\$ 13,302.90	\$ 10,110.20		\$ 33,622.46	\$ 25,553.07		\$ 114,597.80	\$ 87,094.33		\$ 7,320,651.16	\$ 5,563,694.88	
Benton .....	1,488.50	922.87		5,817.08	3,606.59		101,806.35	63,119.93		1,566,786.93	971,407.89	
Clackamas .....	6,212.00	3,602.96		28,657.52	16,821.36		201,271.00	116,737.18		9,882,146.92	5,499,645.21	
Clatsop .....				14,580.40	10,935.30		111,790.00	83,842.50		2,828,895.40	2,121,671.55	
Columbia .....				36,838.08	23,944.75		147,905.00	81,138.25		3,188,088.08	2,072,237.75	
Coos .....				3,290.48	2,112.81		115,937.00	75,339.05		1,335,748.48	868,236.51	
Crook .....							20,568.00	12,135.12		75,231.20	44,445.41	
Curry .....							23,807.30	16,357.35		14,007.20	12,138.35	
Deschutes .....							23,809.00	16,357.35		900,823.80	432,189.32	
Douglas .....	30,082.00	21,959.86		103,263.48	75,382.34		115,324.40	84,186.74		8,433,142.78	6,156,184.23	
Gilliam .....	6,899.10	5,381.29		34,216.14	26,688.59		22,562.00	17,588.36		4,028,019.24	3,141,865.00	
Grant .....							14,910.00	10,586.10		491,836.50	349,203.20	
Harney .....							18,654.00	16,855.90		826,514.00	447,536.90	
Hood River .....	5,130.45	3,283.48		23,740.64	15,194.01		106,476.00	68,144.64		2,729,418.59	1,746,837.89	
Jackson .....	16,967.60	10,519.91		55,382.32	34,337.04		285,489.20	146,039.00		5,616,283.12	3,482,191.73	
Jefferson .....				31,452.32	22,331.15		68,292.00	48,487.32		1,678,032.80	1,174,622.96	
Josephine .....	9,612.20	6,824.65		5,341.48	3,739.03		65,981.80	46,187.26		2,735,077.52	1,941,905.03	
Klamath .....							15,413.50	11,714.26		1,483,685.28	1,038,579.69	
Lake .....							268,012.20	160,807.32		175,572.50	133,435.10	
Lane .....	10,933.00	6,559.80		67,324.60	40,394.76		10,930.00	9,618.40		7,286,997.80	4,372,138.68	
Lincoln .....				3,462.86	3,047.32		173,276.60	117,838.09		660,878.86	581,573.40	
Linn .....	9,318.40	6,336.52		46,657.54	31,727.13		49,830.00	29,399.70		5,233,728.54	4,028,135.42	
Malheur .....	2,439.45	1,439.27		3,062.70	1,806.99		351,253.50	238,852.38		3,848,549.65	2,270,644.29	
Marion .....	11,611.60	7,895.89		52,363.00	35,607.32		19,902.00	17,513.76		7,664,261.40	5,211,697.76	
Morrow .....	7,092.75	6,241.62		29,766.00	26,194.08		5,432,205.65	3,259,323.39		8,820,038.25	3,361,633.66	
Multnomah .....	15,939.20	9,563.52		67,267.12	40,360.27		63,494.50	3,052.31		55,002,660.37	33,001,596.22	
Polk .....	6,156.30	3,016.59		6,346.80	3,109.93		14,402.40	9,032.61		2,730,016.40	1,337,708.04	
Sherman .....	2,897.70	1,970.43		16,220.42	11,029.89		35,394.00	37,933.63		3,687,799.52	2,507,703.67	
Tillamook .....				4,494.42	4,179.81		161,041.00	128,832.42		906,406.42	842,957.97	
Umatilla .....	21,711.80	17,369.44		68,930.84	55,144.67		143,878.00	120,017.52		13,924,932.64	11,139,946.11	
Union .....	10,263.85	8,620.80		25,003.44	21,002.89		45,730.50	36,584.40		6,078,239.79	5,105,713.03	
Wallowa .....				3,674.42	2,939.53		174,614.00	77,494.36		1,886,460.92	1,249,156.73	
Wasco .....	6,339.45	4,691.20		33,556.86	24,832.07		72,592.60	37,022.22		6,927,419.81	4,578,280.66	
Washington .....	4,111.60	2,096.91		10,063.04	5,132.15		77,108.00	3,022.52		3,587,573.04	1,962,662.24	
Wheeler .....								3,977.00		3,977.00	3,022.52	
Yamhill .....	5,836.40	3,735.30		7,678.48	4,914.23			49,349.12		2,241,444.88	1,434,534.73	
State .....	\$204,345.25	\$142,142.51		\$822,035.84	\$571,869.08		\$8,451,106.20	\$5,306,503.25		\$180,691,375.89	\$120,707,327.83	

# REPORT OF STATE TAX COMMISSION

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TABLE IX  
Summary of Assessment Roll of 1918, Showing Assessments of Property of Certain Public Service Companies, Equalized and Apportioned by the State Tax Commission

County	Railroad Companies, Union Station and Depot Companies		Sleeping Car Companies		Electric and Street Railway Companies, Water, Gas and Electric Companies		Express Companies	
	Assessed Value	Apportioned Value	Assessed Value	Apportioned Value	Assessed Value	Apportioned Value	Assessed Value	Apportioned Value
Baker	\$ 6,842,626.00	\$ 5,337,248.28	\$ 54,304.00	\$ 42,357.12	\$ 329,994.00	\$ 257,395.32	\$ 28,298.00	\$ 20,512.44
Benton	1,411,120.00	864,672.00	17,360.00	10,068.80	59,200.00	35,520.00	14,240.00	8,544.00
Clackamas	2,047,808.00	1,191,936.90			6,980,538.00	4,048,770.04	17,090.00	9,912.20
Clatsop	2,355,840.00	1,767,628.40			339,489.00	258,011.64	24,345.00	18,502.20
Columbia	3,018,080.00	1,961,782.00			32,000.00	20,800.00	26,580.00	17,277.00
Coos	932,660.00	746,128.00			350,720.00	280,576.00	9,160.00	7,328.00
Crook					57,028.00	32,055.34		
Curry					132,200.00	6,294.40		
Deschutes	769,380.00	346,221.00			233,630.00	161,013.60	5,222.00	2,349.90
Douglas	7,852,130.00	5,653,533.60	92,560.00	66,643.20	7,600.00	59,554.80	41,426.00	29,826.72
Gilliam	3,890,480.00	3,501,432.00	28,304.00	26,473.60	168,800.00	119,848.00	17,793.00	16,013.70
Grant	320,060.00	227,242.60			8,000.00	6,880.00	1,441.50	1,023.46
Harney	527,630.00	453,761.80			208,300.00	133,312.00		
Hood River	2,401,860.00	1,537,190.40	21,048.00	13,470.72	586,670.00	363,735.40	9,208.50	5,893.44
Jackson	4,655,340.00	2,886,310.80	52,208.00	32,368.96	11,670.00	50,169.00	20,882.20	12,947.58
Jefferson	1,588,990.00	1,112,293.00			154,750.00	108,325.00	8,142.00	5,699.40
Josephine	2,437,750.00	1,706,425.00	29,576.00	20,703.20	171,720.00	121,321.20	11,830.40	8,281.28
Klamath	1,274,750.00	905,072.50			47,500.00	36,575.00	5,964.80	4,235.01
Lake	110,371.00	84,985.67			848,644.00	500,599.96	2,788.00	2,146.76
Lane	6,067,325.00	3,579,721.75	33,640.00	19,847.60	32,750.00	28,492.50	39,940.00	23,564.60
Lincoln	604,660.00	526,054.20			1,488,067.00	998,285.58	8,446.00	7,348.02
Linn	4,142,990.00	2,817,233.20	38,672.00	19,496.96	64,310.40	37,108.80	25,332.63	13,415.89
Malheur	3,660,845.00	2,906,332.35	10,008.00	6,305.04	1,020,080.00	643,110.40	5,739.50	3,615.89
Marion	4,595,365.00	3,170,801.85	35,728.00	24,652.32	2,537,618.20	1,750,955.18	33,977.20	23,444.27
Morrow	3,500,090.00	3,159,279.20	28,376.00	24,970.88	32,000.00	28,160.00	15,151.50	13,333.32
Multnomah	21,783,155.00	13,493,156.10	71,848.00	44,545.76	24,877,869.00	15,424,278.78	114,204.60	70,806.85
Polk	2,508,885.00	1,354,432.50			138,558.80	69,277.90	17,132.00	8,566.00
Sherman	3,595,500.00	3,442,080.00	11,888.00	11,412.48	52,000.00	43,860.00	9,482.00	8,093.52
Tillamook	13,107,710.00	8,752,984.70			451,048.00	360,839.20	10,895.00	10,061.44
Union	6,640,208.00	4,737,775.56	39,176.00	71,340.80	213,100.00	179,004.00	46,435.00	36,348.00
Walla	1,408,500.00	1,140,886.00	42,104.00	36,367.36	130,400.00	105,624.00	22,297.50	18,129.90
Wasco	6,375,252.00	4,781,439.00			194,666.00	145,987.50	4,478.00	3,627.18
Washington	2,189,390.00	1,116,588.90	26,008.00	19,506.00	1,621,206.80	775,816.47	24,216.50	18,161.62
Wheeler					142,710.00	39,907.30	21,628.00	11,030.28
Yamhill	1,969,425.00	1,240,737.75					10,606.00	5,683.04
State	\$124,500,963.00	\$ 88,823,894.01	\$672,808.00	\$488,530.80	\$42,683,848.80	\$26,683,274.09	\$663,042.00	\$460,119.65



## REPORT OF STATE TAX COMMISSION

TABLE IX—Continued

County	Refrigerator Car Companies Tank Line Companies			Telegraph Companies			Telephone Companies			Total Value of Property Assessed and Apportioned by State and Tax Commission		
	Assessed Value	Apportioned Value	Assessed Value	Assessed Value	Apportioned Value	Assessed Value	Assessed Value	Apportioned Value	Assessed Value	Assessed Value	Apportioned Value	Assessed Value
Baker	\$ 14,894.60	\$ 11,617.79	\$ 28,431.92	\$ 22,176.90	\$ 87,925.54	\$ 112,738.00	\$ 112,738.00	\$ 87,925.54	\$ 7,409,298.52	\$ 5,779,243.49		
Benton	1,322.50	799.50	6,768.68	7,060.85	59,257.42	93,162.37	93,162.37	59,257.42	1,821,292.95	1,072,888.77		
Clackamas	6,429.00	3,728.82	30,933.68	17,941.53	118,593.76	204,472.88	204,472.88	118,593.76	9,294,727.88	5,800,942.05		
Clatsop			15,483.60	11,767.54	127,167.00	127,167.00	127,167.00	96,646.50	2,832,354.50	2,952,546.70		
Columbia			37,832.00	24,590.80	170,816.50	170,816.50	170,816.50	33,030.73	3,165,368.50	2,057,450.53		
Coos			4,095.52	3,276.42	117,089.50	93,671.60	117,089.50	93,671.60	1,413,725.02	1,130,980.02		
Crook					20,857.00	12,308.63	20,857.00	12,308.63	76,883.00	45,360.97		
Curry					7,055.30	6,138.11	7,055.30	6,138.11	14,255.30	12,492.11		
Deschutes					25,124.00	11,305.80	25,124.00	11,305.80	932,070.00	419,431.60		
Douglas	31,239.00	22,492.08	113,072.64	81,412.30	80,273.52	111,491.00	111,491.00	80,273.52	8,465,548.64	6,096,195.02		
Gilliam	7,783.60	7,005.24	36,719.76	33,047.78	22,351.00	22,351.00	22,351.00	20,115.90	4,010,931.36	3,609,838.22		
Grant					16,492.00	11,709.32	16,492.00	11,709.32	506,793.50	359,833.38		
Harney					20,392.00	18,063.12	20,392.00	18,063.12	556,622.00	478,694.92		
Hood River	5,788.20	3,704.45	25,477.76	16,305.76	105,150.00	67,296.00	105,150.00	67,296.00	2,776,832.46	1,777,172.77		
Jackson	17,620.20	10,324.52	55,643.68	34,499.08	225,190.50	139,613.11	225,190.50	139,613.11	5,613,555.58	3,480,404.45		
Jefferson	9,981.90	6,987.33	32,893.44	23,025.41	65,905.50	46,137.40	65,905.50	46,137.40	1,674,784.00	1,172,348.80		
Josephine			11,075.68	7,863.73	1,193.50	15,015.00	1,193.50	47,392.50	2,742,687.24	1,919,831.07		
Klamath			1,550.00	1,193.50	15,015.00	11,561.55	15,015.00	11,561.55	1,530,280.48	1,086,484.94		
Lake			72,110.72	42,545.33	266,071.63	156,982.24	266,071.63	156,982.24	7,339,084.85	4,330,060.05		
Lane	11,353.50	6,698.57	4,112.24	3,577.65	11,367.00	9,885.29	11,367.00	9,885.29	661,335.24	575,361.66		
Lincoln			51,796.24	35,221.44	176,346.00	120,255.28	176,346.00	120,255.28	5,915,154.84	4,022,305.29		
Linn	9,676.80	6,580.22	1,642.96	1,035.06	47,451.50	29,894.45	47,451.50	29,894.45	3,830,268.96	2,413,089.45		
Malheur	2,502.00	1,576.26	56,570.80	39,033.85	360,232.00	248,560.00	360,232.00	248,560.00	7,831,547.40	5,365,767.71		
Marion	7,687.00	8,320.16	31,944.00	28,110.72	18,320.00	16,121.60	18,320.00	16,121.60	3,723,568.50	3,276,740.28		
Morrow	40,936.26	25,380.45	70,996.00	44,017.52	5,483,128.00	3,399,534.40	5,483,128.00	3,399,534.40	52,432,123.80	32,501,719.86		
Multnomah	6,156.30	3,078.15	6,811.20	3,405.60	7,278.00	36,143.00	7,278.00	36,143.00	2,749,826.30	1,374,913.15		
Polk	3,289.20	3,138.44	17,407.28	16,710.99	15,332.00	13,275.72	15,332.00	13,275.72	3,646,358.48	3,500,504.15		
Sherman			4,723.84	4,393.17	43,554.00	40,505.22	43,554.00	40,505.22	9,922,895.84	8,858,274.53		
Tillamook			24,153.60	19,322.88	73,893.60	59,114.88	73,893.60	59,114.88	14,015,159.20	11,312,137.36		
Umatilla			7,892.00	22,539.69	170,742.00	136,593.60	170,742.00	136,593.60	6,096,986.06	5,421,436.30		
Union	11,578.60	9,726.08	2,843.58	2,194.06	44,062.00	38,623.75	44,062.00	38,623.75	1,695,332.98	1,392,260.46		
Walla Walla			36,012.54	27,090.18	105,392.00	79,022.57	105,392.00	79,022.57	6,168,632.94	6,076,459.59		
Wasco	7,132.20	5,664.14	12,130.80	6,136.71	71,457.00	6,282.00	71,457.00	6,282.00	3,813,944.20	1,943,111.55		
Washington	4,111.60	2,096.92			80,739.00	50,865.57	80,739.00	50,865.57	2,217,556.72	1,397,061.99		
Wheeler												
Yamhill	5,886.40	3,676.93	8,240.32	5,191.40								
State	\$241,540.60	\$168,983.44	\$879,146.24	\$622,448.85	\$8,534,959.80	\$5,500,923.89	\$8,534,959.80	\$5,500,923.89	\$178,176,308.44	\$122,248,174.73		

TABLE X  
Showing Classes of Companies Assessed by State Tax Commission, Total Equalized or Assessed Values, and  
Total Taxable Values Apportioned to Counties for Years 1917 and 1918

Classification of Companies	1917		1918	
	Assessed Value	Apportioned Value	Assessed Value	Apportioned Value
Railroad Companies, Union Station and Depot Companies.....	\$124,584,895.00	\$ 86,102,309.48	\$124,500,963.00	\$ 88,323,894.01
Sleeping Car Companies .....	873,192.00	480,167.68	672,808.00	488,530.80
Express Companies .....	727,848.00	494,472.39	663,042.00	460,119.65
Electric and Street Railway Companies; Water, Gas and Electric Companies.....	45,227,953.30	27,609,862.94	42,683,848.80	26,683,274.09
Telegraph Companies .....	822,035.64	571,869.08	879,146.24	622,448.85
Telephone Companies .....	8,451,106.20	5,306,503.25	8,534,969.80	5,500,923.89
Refrigerator Car Companies; Tank Line Companies .....	204,345.35	142,142.51	241,540.60	168,983.44
Total .....	\$180,691,375.39	\$120,707,327.83	\$178,176,308.44	\$ 122,248,174.73

## REPORT OF STATE TAX COMMISSION

TABLE XI  
Statement of the Summaries of the Assessment Rolls of the Several Counties of the State of Oregon for the Year 1917, as Equalized by the County Boards of Equalization  
(COMPILED BY THE STATE TAX COMMISSION)

County	Tillable Lands			NonTillable Lands			Timber Lands		
	Number of Acres	Value	Average Value	Number of Acres	Value	Average Value	Number of Acres	Value	Average Value
Baker	141,250.03	\$ 6,253,330.00	\$44.37	520,634.46	\$ 3,736,365.00	\$ 7.18			
Benton	† 346,455	6,564,995.00	18.95						
Blackamas	108,201	6,462,135.00	59.73	414,251	7,310,085.00	18.85			
Clatsop	6,928	384,435.00	55.24	116,974	2,166,078.00	18.52	400,760	\$11,896,401.00	\$29.68
Columbia	13,748	316,715.00	59.41	203,597	2,886,810.00	13.20	178,558	5,341,845.00	29.92
Coos	32,947	1,755,045.00	53.27	328,893	2,408,070.00	7.33	387,159	7,010,620.00	18.11
Crook	96,018	1,334,720.00	9.74	526,855	1,093,290.00	2.07	128,079	835,275.00	6.52
Curry	141,861	1,399,620.00	9.80				197,178	2,273,880.00	11.53
Deschutes	143,545	1,894,095.00	6.23	155,435	237,100.00	1.53	309,339	1,902,276.00	6.16
Douglas	† 1,416,488	13,928,385.00	9.83						
Gilliam	281,594	3,907,645.00	14.92	322,435	318,395.00	2.85			
Grant	783,558	1,115,901.00	23.98	596,000	1,823,148.00	3.06	278,121	1,590,706.00	5.72
Harney	786,112.72	7,454,919.00	9.48	433,545	348,134.00	1.96			
Hood River	51,384	4,400,060.00	86.57	77,172	846,385.00	8.38			
Jackson	105,426	6,573,085.00	62.35	713,624	† 6,442,110.00	9.31			
Jefferson	148,500	1,540,130.00	10.37	222,407	440,670.00	1.98	127,180	917,230.00	7.21
Josephine	22,739	1,239,145.00	54.49	260,593	2,507,100.00	9.62			
Klamath	† 1,196,743	10,522,937.00	8.79						
Lake	194,820	2,672,905.00	13.72	650,122	1,620,617.20	2.49	340,409	2,911,166.37	8.55
Lane	127,993	4,826,190.00	37.71	642,702	4,243,835.00	6.60	452,710	6,100,720.00	13.48
Lincoln	14,342	358,550.00	25.00	281,294	2,495,840.00	8.87	166,000	4,150,000.00	25.00
Linn	208,004	7,143,675.00	34.34	735,514	10,464,740.00	14.23			
Malheur	204,579.37	4,033,340.00	15.24	498,110.33	623,985.00	1.25			
Marion	† 512,438	19,609,150.00	38.26				2,309	34,500.00	12.28
Morrow	† 991,980	6,638,524.00	6.69						
Multnomah	† 147,407.28	21,411,595.00	145.25						
Polk	132,342.43	4,710,030.00	35.59	296,287.19	3,566,690.00	12.04			
Sherman	271,893	4,249,130.00	15.63	148,571	374,420.00	2.52			
Tillamook	17,134	2,480,370.00	144.76	148,784	2,151,575.00	14.46	18,418.20	363,215.00	19.72
Umatilla	† 1,322,832	25,644,605.00	15.39				415,858	11,957,860.00	28.75
Union	180,535	7,852,450.00	43.91	275,444	1,321,240.00	4.42	289,372	1,413,045.00	4.89
Wallowa	128,664	4,163,324.00	32.36	403,991	2,925,789.00	6.01	149,340	1,067,418.00	7.15
Wasco	192,402	4,436,060.00	24.10	504,571	1,790,725.00	3.55			
Washington	119,365	8,149,580.00	68.27	223,211	3,886,795.00	11.41			
Wheeler	28,328	8,112,360.00	136.68	522,096	2,700,735.00	5.17			
Yamhill	133,123	8,438,005.00	63.38	257,844.69	3,507,745.00	13.60			
State	10,036,789.33	\$213,389,070.00		10,581,630.67	\$74,437,821.20		3,841,190.20	\$61,576,861.37	

\* Includes all lands except timber lands. † Includes all lands. ‡ Includes timber lands.

TABLE XI—Continued

County	Improvements on Deeded or Patented Lands		Town and City Lots		Improvements on Town and City Lots		Improvements on Lands Not Deeded or Patented		Railroads Under Construction, Logging Roads and Rolling Stock		Steamboats, Sailing Boats, Stationary Engines and Manufacturing Machinery		Merchandise and Stock in Trade		Farming Implements, Wagons, Carriages, Automobiles, etc.	
	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value
Baker	\$ 35,525.00	\$ 3,943,940.00	\$ 1,439,215.00	\$ 754,315.00	\$ 85,820.00	\$ 425,770.00	\$ 18,000.00	\$ 47,215.00	\$ 1,073,775.00	\$ 463,380.00	\$ 161,025.00	\$ 307,000.00	\$ 1,431,150.00	\$ 3,727,480.00	\$ 7,066,076.00	\$ 1,275,252.00
Benton	409,925.00	1,439,215.00	3,727,480.00	1,560,345.00	2,665.00	551,895.00	32,400.00	1,185,130.00	501,200.00	307,000.00	523,325.00	205,925.00	460,595.00	577,620.00	583,195.00	1,331,455.00
Clackamas	491,115.00	7,066,076.00	1,275,252.00	1,560,345.00	2,665.00	551,895.00	32,400.00	1,185,130.00	501,200.00	307,000.00	523,325.00	205,925.00	460,595.00	577,620.00	583,195.00	1,331,455.00
Clatsop	491,115.00	7,066,076.00	1,275,252.00	1,560,345.00	2,665.00	551,895.00	32,400.00	1,185,130.00	501,200.00	307,000.00	523,325.00	205,925.00	460,595.00	577,620.00	583,195.00	1,331,455.00
Columbia	460,595.00	577,620.00	583,195.00	1,331,455.00	19,865.00	438,820.00	72,050.00	10,180.00	55,650.00	81,120.00	432,820.00	141,055.00	141,055.00	141,055.00	141,055.00	141,055.00
Coos	755,180.00	3,831,550.00	1,967,720.00	1,151,110.00	19,865.00	438,820.00	72,050.00	10,180.00	55,650.00	81,120.00	432,820.00	141,055.00	141,055.00	141,055.00	141,055.00	141,055.00
Crook	137,685.00	196,720.00	154,480.00	49,450.00	34,580.00	17,620.00	12,000.00	96,345.00	82,780.00	34,170.00	82,780.00	34,170.00	82,780.00	34,170.00	82,780.00	34,170.00
Curry	173,210.00	154,480.00	49,450.00	49,450.00	34,580.00	17,620.00	12,000.00	96,345.00	82,780.00	34,170.00	82,780.00	34,170.00	82,780.00	34,170.00	82,780.00	34,170.00
Deschutes	204,985.00	628,950.00	309,765.00	309,765.00	22,000.00	22,000.00	11,930.00	201,480.00	233,580.00	92,210.00	233,580.00	92,210.00	233,580.00	92,210.00	233,580.00	92,210.00
Douglas	358,735.00	2,430,385.00	1,763,480.00	1,763,480.00	25,050.00	17,630.00	11,930.00	184,885.00	172,805.00	375,450.00	172,805.00	375,450.00	172,805.00	375,450.00	172,805.00	375,450.00
Gilliam	339,490.00	1,355,665.00	297,885.00	297,885.00	25,360.00	25,360.00	12,930.00	16,680.00	172,805.00	375,450.00	172,805.00	375,450.00	172,805.00	375,450.00	172,805.00	375,450.00
Grant	343,211.00	94,194.00	175,213.00	175,213.00	43,320.00	43,320.00	15,000.00	79,255.00	206,181.00	95,785.00	206,181.00	95,785.00	206,181.00	95,785.00	206,181.00	95,785.00
Harney	311,335.00	188,940.00	188,940.00	314,990.00	93,355.00	93,355.00	15,000.00	162,355.00	166,280.00	111,795.00	166,280.00	111,795.00	166,280.00	111,795.00	166,280.00	111,795.00
Hood River	1,084,975.00	3,506,205.00	725,735.00	533,020.00	17,905.00	17,905.00	15,000.00	132,455.00	549,490.00	443,880.00	549,490.00	443,880.00	549,490.00	443,880.00	549,490.00	443,880.00
Jackson	1,984,975.00	88,200.00	88,200.00	86,670.00	17,905.00	17,905.00	15,000.00	132,455.00	549,490.00	443,880.00	549,490.00	443,880.00	549,490.00	443,880.00	549,490.00	443,880.00
Jefferson	429,075.00	98,200.00	98,200.00	96,670.00	17,905.00	17,905.00	15,000.00	132,455.00	549,490.00	443,880.00	549,490.00	443,880.00	549,490.00	443,880.00	549,490.00	443,880.00
Josephine	975,590.00	97,110.00	97,110.00	845,830.00	114,770.00	114,770.00	37,500.00	157,840.00	207,175.00	108,415.00	207,175.00	108,415.00	207,175.00	108,415.00	207,175.00	108,415.00
Klamath	321,300.00	596,820.00	339,000.00	339,000.00	8,775.00	8,775.00	37,500.00	166,615.00	345,547.00	193,237.00	345,547.00	193,237.00	345,547.00	193,237.00	345,547.00	193,237.00
Lake	1,447,845.00	6,333,394.00	3,602,280.00	3,602,280.00	12,030.00	12,030.00	74,940.00	674,945.00	90,150.00	32,731.00	90,150.00	32,731.00	90,150.00	32,731.00	90,150.00	32,731.00
Lincoln	292,580.00	700,113.00	403,230.00	403,230.00	11,615.00	11,615.00	74,940.00	674,945.00	90,150.00	32,731.00	90,150.00	32,731.00	90,150.00	32,731.00	90,150.00	32,731.00
Linn	1,452,300.00	1,641,475.00	2,005,880.00	2,005,880.00	16,985.00	16,985.00	10,000.00	45,090.00	571,575.00	221,485.00	571,575.00	221,485.00	571,575.00	221,485.00	571,575.00	221,485.00
Malheur	234,700.00	563,490.00	347,395.00	347,395.00	6,530.00	6,530.00	60,000.00	12,825.00	199,980.00	112,665.00	199,980.00	112,665.00	199,980.00	112,665.00	199,980.00	112,665.00
Marion	2,590,635.00	4,924,335.00	5,048,160.00	5,048,160.00	48,510.00	48,510.00	60,000.00	458,830.00	1,213,035.00	638,415.00	1,213,035.00	638,415.00	1,213,035.00	638,415.00	1,213,035.00	638,415.00
Morrow	335,130.00	242,786.00	242,786.00	489,850.00	6,845.00	6,845.00	18,320.00	53,750.00	172,940.00	231,721.00	172,940.00	231,721.00	172,940.00	231,721.00	172,940.00	231,721.00
Multnomah	2,354,850.00	161,224,085.00	52,623,965.00	52,623,965.00	6,845.00	6,845.00	18,320.00	53,750.00	172,940.00	231,721.00	172,940.00	231,721.00	172,940.00	231,721.00	172,940.00	231,721.00
Polk	643,990.00	568,100.00	781,390.00	781,390.00	15,380.00	15,380.00	61,850.00	126,410.00	208,520.00	165,120.00	208,520.00	165,120.00	208,520.00	165,120.00	208,520.00	165,120.00
Sherman	254,960.00	63,590.00	63,590.00	186,040.00	4,390.00	4,390.00	61,850.00	126,410.00	208,520.00	165,120.00	208,520.00	165,120.00	208,520.00	165,120.00	208,520.00	165,120.00
Tillamook	383,195.00	1,809,565.00	1,809,565.00	1,809,565.00	1,380.00	1,380.00	61,850.00	126,410.00	208,520.00	165,120.00	208,520.00	165,120.00	208,520.00	165,120.00	208,520.00	165,120.00
Umatilla	1,439,960.00	1,790,291.00	2,086,410.00	2,086,410.00	160,350.00	160,350.00	29,000.00	256,180.00	158,640.00	295,420.00	158,640.00	295,420.00	158,640.00	295,420.00	158,640.00	295,420.00
Union	600,270.00	1,425,275.00	1,425,275.00	2,086,410.00	46,630.00	46,630.00	29,000.00	256,180.00	158,640.00	295,420.00	158,640.00	295,420.00	158,640.00	295,420.00	158,640.00	295,420.00
Walla	600,920.00	476,380.00	476,380.00	638,140.00	65,115.00	65,115.00	98,400.00	267,315.00	808,970.00	500,635.00	808,970.00	500,635.00	808,970.00	500,635.00	808,970.00	500,635.00
Wash'n	604,435.00	1,436,492.00	1,436,492.00	638,140.00	65,115.00	65,115.00	98,400.00	267,315.00	808,970.00	500,635.00	808,970.00	500,635.00	808,970.00	500,635.00	808,970.00	500,635.00
Washington	1,791,280.00	930,710.00	930,710.00	1,558,928.00	57,650.00	57,650.00	31,780.00	135,830.00	377,805.00	390,010.00	377,805.00	390,010.00	377,805.00	390,010.00	377,805.00	390,010.00
Wheeler	1,791,280.00	930,710.00	930,710.00	1,558,928.00	57,650.00	57,650.00	31,780.00	135,830.00	377,805.00	390,010.00	377,805.00	390,010.00	377,805.00	390,010.00	377,805.00	390,010.00
Yamhill	1,567,275.00	1,332,815.00	1,332,815.00	1,803,615.00	28,645.00	28,645.00	31,780.00	207,150.00	66,450.00	52,500.00	66,450.00	52,500.00	66,450.00	52,500.00	66,450.00	52,500.00
Total	\$26,447,721.00	\$217,619,091.00	\$90,030,521.00	\$90,030,521.00	\$1,104,160.00	\$977,385.00	\$977,385.00	\$10,459,285.00	\$28,099,225.00	\$11,239,340.00	\$28,099,225.00	\$11,239,340.00	\$28,099,225.00	\$11,239,340.00	\$28,099,225.00	\$11,239,340.00

Includes automobiles.      \$ Includes hotel and office furniture, etc.      a Includes shares of stock.      Includes irrigation ditches.

TABLE XI—Continued

County	Money	Notes and Accounts	Shares of Stock	Hotel and Office Furniture etc.		Horses and Mules			Cattle		
				Value	Value	Number	Value	Average Value	Number	Value	Average Value
Baker.....	\$ 94,470.00	\$ 44,545.00	\$ 536,745.00	.....	.....	11,587	\$ 644,430.00	\$55.62	44,824	\$ 1,717,470.00	\$38.32
Benton.....	.....	.....	22,125.00	11,975.00	.....	2,502	189,080.00	75.57	8,128	179,165.00	22.04
Blackman.....	.....	10,925.00	120,000.00	12,500.00	.....	7,008	318,275.00	45.42	16,998	348,000.00	20.47
Clatsop.....	.....	4,407,280.00	.....	36,960.00	.....	7,782	41,730.00	53.36	6,076	164,295.00	27.04
Columbia.....	.....	6,070.00	56,200.00	5,920.00	.....	1,751	67,985.00	38.82	7,437	134,330.00	16.72
Coos.....	.....	30,525.00	206,125.00	26,945.00	.....	2,740	151,020.00	55.12	18,176	485,540.00	26.71
Crook.....	.....	71,700.00	130,940.00	3,200.00	.....	5,421	148,300.00	27.36	19,157	691,675.00	36.90
Curry.....	.....	132,450.00	.....	13,500.00	.....	1,043	53,080.00	50.89	6,713	183,760.00	22.90
Deschutes.....	.....	8,415.00	56,505.00	5,695.00	.....	3,004	98,350.00	32.74	7,049	183,866.00	23.18
Douglas.....	.....	193,340.00	214,615.00	74,425.00	.....	5,751	37,865.00	60.49	17,402	488,080.00	28.05
Gilliam.....	.....	151,165.00	135,446.96	9,700.00	.....	6,673	558,500.00	83.70	7,014	290,930.00	41.48
Grant.....	.....	101,050.00	98,495.00	1,050.00	.....	9,276	328,834.00	35.45	37,009	1,139,121.00	30.78
Harney.....	.....	55,300.00	55,300.00	.....	.....	12,532	505,550.00	40.66	68,593	2,403,220.00	35.04
Hood River.....	.....	1,850.00	144,565.00	12,060.00	.....	1,226	57,655.00	47.03	1,775	36,885.00	28.93
Jackson.....	.....	351,885.00	.....	73,305.00	.....	8,455	299,645.00	35.44	17,835	613,825.00	34.42
Jefferson.....	.....	55,210.00	11,810.00	2,970.00	.....	3,897	146,780.00	37.66	7,000	190,760.00	27.25
Josephine.....	.....	13,155.00	71,525.00	20,070.00	.....	1,533	74,290.00	48.46	6,158	133,150.00	20.01
Klamath.....	.....	9,000.00	137,322.00	24,155.00	.....	5,211	257,600.00	49.43	11,818	466,630.00	39.40
Lake.....	.....	137,130.00	357,470.00	23,620.00	.....	7,478	230,460.00	30.82	43,222	1,317,540.00	30.00
Lane.....	.....	438,501.00	419,091.00	.....	.....	7,043	412,200.00	58.53	21,088	493,300.00	23.39
Lincoln.....	.....	9,990.00	.....	5,645.00	.....	1,297	62,178.00	47.94	7,762	149,274.00	19.23
Linn.....	.....	475,210.00	254,330.00	36,325.00	.....	9,522	827,285.00	65.88	25,319	570,870.00	22.55
Malheur.....	.....	7,805.00	187,495.00	34,920.00	.....	10,119	373,850.00	36.95	27,483	983,560.00	35.06
Marion.....	.....	422,130.00	677,090.00	76,720.00	.....	7,204	514,400.00	71.40	15,781	458,940.00	29.08
Morrow.....	.....	258,780.00	133,679.00	11,250.00	.....	7,749	456,080.00	58.86	7,704	284,843.00	34.38
Multnomah.....	.....	7,937,710.00	5,521,320.00	1,010,190.00	.....	4,599	338,750.00	51.91	7,823	193,345.00	25.36
Polk.....	.....	28,620.00	99,160.00	11,580.00	.....	5,031	231,480.00	46.02	10,382	172,090.00	16.76
Sherman.....	.....	185,380.00	.....	10,670.00	.....	6,928	523,440.00	75.56	3,376	121,690.00	36.05
Tillamook.....	.....	26,300.00	118,150.00	20,535.00	.....	1,419	68,130.00	48.01	12,785	439,225.00	34.35
Umatilla.....	.....	1,004,850.00	1,172,460.00	56,890.00	.....	20,460	1,586,745.00	77.50	24,645	837,920.00	33.59
Union.....	.....	564,030.00	357,040.00	59,285.00	.....	10,740	691,185.00	64.36	18,363	627,970.00	34.20
Wallowa.....	.....	855,642.00	253,191.00	23,065.00	.....	10,523	593,220.00	56.37	32,322	1,235,310.00	37.64
Wasco.....	.....	106,610.00	372,950.00	43,755.00	.....	7,606	495,792.00	65.18	10,742	334,735.00	31.02
Washington.....	.....	140,665.00	175,050.00	14,210.00	.....	6,981	356,630.00	51.98	19,708	490,675.00	24.90
Wheeler.....	.....	149,450.00	.....	950.00	.....	3,423	176,885.00	51.68	12,314	550,075.00	42.93
Yamhill.....	.....	91,410.00	292,275.00	.....	.....	6,776	476,135.00	70.27	14,569	276,005.00	18.94
State.....	\$733,245.00	\$14,469,678.00	\$12,389,069.96	\$1,772,040.00	.....	225,170	\$12,407,824.00	.....	626,034	\$19,266,523.00	.....

TABLE XI—Continued

County	Sheep and Goats			Swine			Dogs			Miscellaneous	Totals
	Number	Value	Average Value	Number	Value	Average Value	Number	Value	Average Value	Value	
Baker .....	103,419	\$ 323,250.00	\$7.96	5,882	\$ 28,135.00	\$4.78	50	\$ 1,065.00	\$21.30	\$ 37,255.00	\$ 19,850,800.00
Benton .....	10,779	42,855.00	3.98	1,137	10,060.00	8.93	272	2,595.00	9.54	.....	10,138,065.00
Clackamas .....	11,567	27,930.00	2.42	5,235	30,550.00	5.84	1,581	8,045.00	5.09	.....	23,239,445.00
Clatsop .....	1,081	4,324.00	4.00	574	2,767.00	4.82	184	368.00	2.00	.....	25,936,526.00
Columbia .....	1,285	2,695.00	2.10	648	3,285.00	5.07	540	5,410.00	10.02	.....	11,588,645.00
Coos .....	4,691	16,200.00	3.45	2,092	9,770.00	4.67	495	5,870.00	11.86	.....	19,134,495.00
Crook .....	35,322	176,610.00	5.00	4,005	2,290.00	5.65	16	190.00	11.88	.....	4,738,255.00
Curry .....	11,085	33,092.00	2.99	1,440	7,258.00	5.04	352	7,155.00	20.33	.....	4,701,300.00
Deschutes .....	7,211	28,905.00	4.01	4,489	2,750.00	5.62	13	145.00	11.16	160.00	5,030,640.00
Douglas .....	53,117	218,165.00	4.11	3,363	22,510.00	6.69	889	6,545.00	7.36	.....	21,537,905.00
Gilliam .....	59,732	559,045.00	9.36	2,323	30,845.00	13.28	60	650.00	10.83	432,620.00	8,250,038.36
Grant .....	75,369	426,679.00	5.66	2,064	8,927.00	4.33	543	2,960.00	5.45	502.00	7,718,622.00
Harney .....	66,609	516,692.00	7.76	284	1,286.00	4.87	.....	.....	.....	.....	13,037,957.00
Hood River .....	1,193	4,115.00	2.15	412	2,855.00	6.93	248	2,480.00	10.00	.....	7,433,945.00
Jackson .....	17,986	81,065.00	4.51	4,304	16,255.00	3.78	1,204	8,560.00	7.11	890.00	23,538,690.00
Jefferson .....	25,724	128,620.00	5.00	803	6,750.00	8.41	19	480.00	25.26	268,500.00	4,186,320.00
Josephine .....	1,631	4,140.00	2.51	839	4,575.00	5.45	82	480.00	5.85	.....	7,061,460.00
Klamath .....	34,341	110,398.00	3.21	1,912	11,003.00	5.75	275	2,650.00	9.64	.....	15,162,654.00
Lake .....	149,839	895,820.00	5.98	6,607	2,990.00	4.93	1	100.00	100.00	.....	11,801,978.57
Lane .....	21,907	51,475.00	2.35	4,622	27,420.00	5.93	267	3,385.00	13.17	.....	30,438,266.00
Lincoln .....	6,714	15,294.00	2.28	628	4,152.00	6.61	70	475.00	6.78	.....	8,842,237.00
Linn .....	28,071	132,375.00	4.71	7,299	57,615.00	7.90	1,540	8,545.00	5.56	6,205.00	26,353,595.00
Malheur .....	162,107	1,037,435.00	6.40	2,433	13,260.00	5.47	410	2,050.00	5.00	17,595.00	8,797,360.00
Marion .....	18,515	95,080.00	5.14	6,463	64,065.00	8.37	228	3,855.00	16.91	.....	36,833,350.00
Morrow .....	151,200	1,154,004.00	7.63	1,822	9,410.00	5.16	.....	.....	.....	.....	10,459,592.00
Multnomah .....	688	2,080.00	2.95	1,463	7,940.00	5.43	2	20.00	10.00	7,250.00	272,911,250.00
Polk .....	14,808	45,380.00	3.06	2,551	15,270.00	5.99	745	7,740.00	10.39	.....	11,478,690.00
Sherman .....	18,833	91,890.00	4.88	1,597	15,730.00	9.83	353	3,530.00	10.00	1,179,170.00	7,732,410.00
Tillamook .....	440	1,130.00	2.57	1,927	12,450.00	12.66	.....	.....	.....	.....	20,434,000.00
Umatilla .....	111,593	715,165.00	6.41	7,245	45,385.00	6.26	82	815.00	9.94	4,955.00	40,367,331.00
Union .....	11,408	89,395.00	7.84	5,610	47,720.00	8.51	922	10,295.00	11.17	.....	19,201,940.00
Wallowa .....	64,675	470,562.00	7.28	9,837	69,736.00	7.10	775	1,830.00	24.40	.....	13,703,664.00
Wasco .....	59,936	242,736.00	4.05	5,358	32,782.00	6.08	30	405.00	13.50	.....	12,697,720.00
Washington .....	4,706	12,445.00	2.64	2,189	14,615.00	6.74	848	5,385.00	6.35	4,475.00	15,421,802.00
Wheeler .....	53,740	422,075.00	7.85	833	6,275.00	7.53	905	4,950.00	23.10	1,000.00	5,060,978.00
Yamhill .....	15,830	51,755.00	3.27	5,235	39,665.00	7.58	905	9,595.00	10.60	.....	19,066,315.00
State .....	1,416,112	\$8,727,106.00	.....	100,877	\$678,541.00	.....	13,312	\$114,153.00	.....	\$1,960,577.00	\$807,898,242.53

TABLE XI—Continued

County	Money	Notes and Accounts	Shares of Stock	Hotel and Office Furniture etc.	Horses and Mules			Cattle		
	Value	Value	Value	Value	Number	Value	Average Value	Number	Value	Average Value
Baker	.....	\$ 44,545.00	\$ 536,745.00	.....	11,587	\$ 644,430.00	\$55.62	44,824	\$ 1,717,470.00	\$38.32
Benton	\$ 94,470.00	.....	22,125.00	11,975.00	2,502	189,080.00	75.57	8,128	179,165.00	22.04
Blackamas	.....	10,925.00	120,000.00	36,980.00	7,008	318,275.00	45.42	16,998	348,000.00	20.47
Clatsop	.....	407,280.00	.....	36,980.00	7,782	41,730.00	53.36	6,076	164,295.00	27.04
Columbia	.....	6,070.00	56,200.00	5,920.00	1,751	67,985.00	38.82	7,437	124,330.00	16.71
Coos	.....	30,525.00	206,125.00	25,945.00	2,740	151,020.00	55.12	18,176	485,540.00	26.71
Crook	.....	71,700.00	130,940.00	26,945.00	5,421	148,300.00	27.36	19,757	691,675.00	35.00
Curry	.....	132,450.00	8,415.00	13,500.00	1,043	53,080.00	50.89	6,713	153,760.00	22.90
Deschutes	.....	8,415.00	56,505.00	13,500.00	3,004	98,350.00	32.74	7,049	183,385.00	23.18
Douglas	.....	193,340.00	214,615.00	74,425.00	5,751	347,865.00	60.49	17,402	488,080.00	28.05
Gilliam	.....	151,165.00	135,446.98	9,700.00	6,673	558,500.00	83.70	7,014	290,930.00	41.48
Grant	.....	101,050.00	98,495.00	9,700.00	9,276	328,834.00	35.45	37,009	1,139,121.00	30.78
Harney	107,815.00	.....	55,300.00	1,050.00	12,532	505,550.00	40.66	68,593	2,403,220.00	35.04
Hood River	.....	1,350.00	144,565.00	12,060.00	1,226	57,655.00	47.03	1,275	36,885.00	28.93
Jackson	.....	351,885.00	.....	73,305.00	8,455	299,645.00	35.44	17,835	613,895.00	34.42
Jefferson	.....	56,210.00	11,810.00	2,970.00	3,897	146,780.00	37.66	7,000	190,760.00	27.25
Josephine	.....	18,155.00	20,070.00	20,070.00	1,533	74,290.00	48.48	5,156	103,150.00	20.01
Klamath	.....	9,000.00	137,322.00	24,155.00	5,211	257,600.00	49.43	13,818	466,630.00	39.40
Lake	.....	197,130.00	357,470.00	23,620.00	7,478	230,460.00	30.82	43,822	1,317,540.00	30.00
Lane	.....	438,501.00	419,091.00	.....	7,043	412,200.00	58.53	21,088	493,300.00	23.39
Lincoln	.....	9,990.00	.....	5,645.00	1,297	62,178.00	47.94	7,762	149,274.00	19.23
Linn	80,380.00	475,210.00	254,930.00	36,325.00	9,522	627,295.00	65.88	25,319	570,870.00	22.55
Malheur	.....	7,805.00	187,495.00	34,920.00	10,119	373,850.00	36.95	27,483	963,560.00	35.06
Marion	.....	422,130.00	677,090.00	76,720.00	7,204	514,400.00	71.40	15,781	458,940.00	29.08
Morrow	.....	258,780.00	133,679.00	76,720.00	7,749	456,080.00	58.86	7,704	264,843.00	34.38
Multnomah	.....	7,913,710.00	5,521,320.00	1,010,190.00	4,599	238,750.00	51.91	7,623	193,345.00	25.36
Polk	.....	28,520.00	99,160.00	11,580.00	5,031	231,480.00	46.02	10,268	172,090.00	16.76
Sherman	.....	185,380.00	118,150.00	10,670.00	6,928	523,440.00	75.56	3,376	121,690.00	36.05
Tillamook	.....	26,300.00	20,535.00	20,535.00	1,419	68,130.00	48.01	12,785	439,225.00	34.35
Umatilla	450,580.00	1,004,860.00	1,172,460.00	55,890.00	20,460	1,586,745.00	77.50	24,645	827,930.00	33.59
Union	.....	564,030.00	357,040.00	59,285.00	10,740	691,185.00	64.36	18,363	627,970.00	34.20
Wallowa	.....	855,642.00	253,191.00	23,085.00	10,523	593,220.00	56.37	32,822	1,235,310.00	37.64
Wasco	.....	106,610.00	372,950.00	43,755.00	7,608	495,792.00	65.18	10,742	354,735.00	33.02
Washington	.....	140,665.00	175,050.00	14,210.00	6,861	356,630.00	51.98	19,702	490,640.00	24.90
Wheeler	.....	149,450.00	292,275.00	950.00	3,423	176,885.00	51.68	12,814	550,075.00	42.93
Yamhill	.....	91,410.00	.....	.....	6,776	476,135.00	70.27	14,569	276,005.00	18.94
State.....	\$733,245.00	\$14,469,678.00	\$12,389,069.96	\$1,772,040.00	225,170	\$12,407,824.00	.....	625,034	\$19,266,523.00	.....

# REPORT OF STATE TAX COMMISSION

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TABLE XI—Continued

County	Sheep and Goats			Swine		Dogs			Miscellaneous	Totals
	Number	Value	Average Value	Number	Value	Average Value	Number	Value	Value	
Baker	103,419	\$ 823,250.00	\$7.96	5,882	\$ 28,135.00	\$4.78	50	\$ 1,065.00	\$ 37,255.00	\$ 19,850,800.00
Benton	10,779	42,855.00	3.98	1,127	10,060.00	8.93	272	2,595.00	9.54	10,138,065.00
Clackamas	11,567	27,930.00	2.42	5,235	30,550.00	5.84	1,581	8,045.00	5.09	23,229,445.00
Clatsop	1,081	4,324.00	4.00	574	2,767.00	4.82	184	368.00	2.00	26,926,526.00
Columbia	1,285	2,695.00	2.10	648	3,285.00	5.07	540	5,410.00	10.02	11,588,645.00
Coos	4,691	16,200.00	3.45	2,092	9,770.00	4.67	495	5,870.00	11.86	19,134,495.00
Crook	35,322	176,610.00	5.00	4,005	2,290.00	5.65	16	190.00	11.88	4,738,255.00
Curry	11,055	33,092.00	2.99	1,440	7,258.00	5.04	352	7,155.00	20.33	4,701,300.00
Deschutes	7,211	28,905.00	4.01	4,89	2,750.00	5.62	13	145.00	11.16	6,090,640.00
Douglas	53,117	218,165.00	4.11	3,363	22,510.00	6.69	889	6,545.00	7.36	21,537,905.00
Gilliam	59,732	559,045.00	9.36	2,323	30,845.00	13.28	60	650.00	10.83	432,620.00
Grant	75,389	426,679.00	5.66	2,064	8,927.00	4.33	53	2,960.00	5.45	502.00
Harney	66,609	516,692.00	7.76	2,84	1,286.00	4.87	248	2,480.00	10.00	7,423,945.00
Hood River	193	415.00	2.15	412	2,855.00	6.93	1,204	8,560.00	7.11	890.00
Jackson	17,986	81,065.00	4.51	4,304	16,255.00	3.78	19	480.00	25.26	268,500.00
Jefferson	25,724	128,620.00	5.00	803	6,750.00	8.41	19	480.00	5.85	7,061,460.00
Josephine	1,651	4,140.00	2.51	839	4,575.00	5.45	82	480.00	9.64	15,162,654.00
Klamath	34,341	110,398.00	3.21	1,912	11,003.00	5.75	275	2,650.00	100.00	11,801,978.57
Lake	149,839	895,820.00	5.98	6,607	2,990.00	4.93	1	3,385.00	13.17	30,428,266.00
Lane	21,907	51,475.00	2.35	4,622	27,420.00	5.93	257	475.00	6.78	8,842,237.00
Lincoln	6,714	15,294.00	2.28	628	4,152.00	6.61	70	475.00	5.55	26,353,595.00
Linn	28,071	132,375.00	4.71	7,239	57,615.00	7.90	1,540	8,545.00	17,595.00	8,797,360.00
Malheur	162,107	1,037,455.00	6.40	2,423	13,260.00	5.47	410	2,060.00	5.91	36,833,350.00
Marion	12,515	95,080.00	5.14	6,643	54,065.00	8.37	228	3,855.00	10.00	10,459,592.00
Morrow	151,200	1,154,004.00	7.63	1,822	9,410.00	5.16	2	20.00	10.00	272,951,250.00
Lincoln	6,714	15,294.00	2.28	628	4,152.00	6.61	70	475.00	5.55	26,353,595.00
Linn	28,071	132,375.00	4.71	7,239	57,615.00	7.90	1,540	8,545.00	17,595.00	8,797,360.00
Malheur	162,107	1,037,455.00	6.40	2,423	13,260.00	5.47	410	2,060.00	5.91	36,833,350.00
Marion	12,515	95,080.00	5.14	6,643	54,065.00	8.37	228	3,855.00	10.00	10,459,592.00
Morrow	151,200	1,154,004.00	7.63	1,822	9,410.00	5.16	2	20.00	10.00	272,951,250.00
Multnomah	688	2,080.00	2.95	1,463	7,940.00	5.43	2	20.00	10.39	11,478,690.00
Polk	14,808	45,330.00	3.06	2,551	15,270.00	5.99	745	7,740.00	1,179,170.00	20,434,400.00
Sherman	18,833	91,880.00	4.88	1,590	15,720.00	9.93	353	3,530.00	4,955.00	49,367,334.00
Tillamook	11,440	1,130.00	2.67	927	12,560.00	12.65	82	815.00	9.94	19,201,940.00
Umatilla	111,503	715,165.00	6.41	7,245	45,385.00	6.26	922	10,295.00	11.17	13,703,664.00
Union	11,408	89,395.00	7.84	5,610	47,720.00	8.51	75	1,830.00	24.50	12,627,720.00
Walla	64,675	470,562.00	7.28	9,827	69,736.00	7.10	30	405.00	13.50	15,421,805.00
Wasco	59,996	242,726.00	4.05	5,388	32,732.00	6.08	848	5,385.00	4,475.00	6,060,978.00
Washington	4,706	12,445.00	2.64	2,189	14,615.00	6.74	901	9,595.00	10.60	\$1,960,577.00
Wheeler	53,740	422,075.00	7.85	833	6,275.00	7.53	13,312	\$114,158.00	-----	\$807,898,242.53
Yamhill	15,830	51,755.00	3.27	5,235	39,665.00	7.58	100,877	\$678,541.00	-----	-----
State	1,416,112	\$8,727,106.00	-----	100,877	\$678,541.00	-----	13,312	\$114,158.00	-----	-----



TABLE XII  
Of the Summaries of the Assessment Rolls of the Several Counties of the State of Oregon for the Year 1918, as Equalized by the County Boards of Equalization

County	Tillable Lands			Timber Lands			Non-tilable Lands		
	Number of Acres	Value	Average Value	Number of Acres	Value	Average Value	Number of Acres	Value	Average Value
Baker .....	1 670,956	\$ 10,439,020.00	\$15.56	.....	.....	.....	.....	.....	.....
Benton .....	1 351,194	6,436,465.00	18.33	.....	.....	.....	.....	.....	.....
Blackamas .....	1 109,939	6,564,230.00	59.71	.....	.....	.....	.....	.....	.....
Clatsop .....	6,863	384,640.00	56.05	269,558	\$14,939,756.00	\$55.60	401,080	\$ 7,757,675.00	\$19.34
Columbia .....	15,999	886,970.00	55.43	168,028	5,011,205.00	29.82	123,530	2,525,574.00	20.45
Coos .....	22,852	3,472,045.00	151.94	380,150	8,233,825.00	21.74	213,939	2,734,130.00	12.78
Crook .....	100,104	1,002,830.00	10.02	130,251	838,780.00	6.44	339,298	3,132,885.00	9.23
Curry .....	144,059	1,406,365.00	9.76	196,233	2,260,670.00	11.52	549,693	1,117,680.00	2.03
Deschutes .....	139,529	1,932,513.00	7.04	305,279	2,136,440.00	7.00	.....	.....	.....
Douglas .....	1 127,372	13,912,220.00	17.41	.....	.....	.....	193,931	298,610.00	1.54
Gilliam .....	268,536	4,616,405.00	22.80	.....	.....	.....	.....	.....	.....
Grant .....	439,765	1,134,800.00	10.04	275,807	1,533,289.00	5.74	.....	.....	.....
Hartney .....	793,982.03	7,970,163.00	10.04	.....	.....	.....	.....	.....	.....
Hood River .....	51,384	4,249,830.00	82.69	.....	.....	.....	.....	.....	.....
Jackson .....	108,445	6,734,840.00	62.10	.....	.....	.....	.....	.....	.....
Jefferson .....	153,245	1,602,670.00	10.45	122,178	922,340.00	7.55	.....	.....	.....
Josephine .....	22,791	1,235,490.00	53.77	.....	.....	.....	.....	.....	.....
Klamath .....	1 124,824	11,362,275.00	9.35	.....	.....	.....	.....	.....	.....
Lake .....	201,798	2,805,105.00	13.90	376,648	3,226,669.00	8.57	.....	.....	.....
Lane .....	130,404	4,832,775.00	37.44	448,679	6,037,535.00	13.46	.....	.....	.....
Lincoln .....	15,299	458,970.00	30.00	166,000	3,966,385.00	23.89	.....	.....	.....
Linn .....	209,650	7,206,975.00	34.38	.....	.....	.....	.....	.....	.....
Malheur .....	270,383.78	4,711,425.00	17.42	.....	.....	.....	.....	.....	.....
Marion .....	1 512,438	19,604,375.00	38.26	.....	.....	.....	.....	.....	.....
Morrow .....	1 998,704	6,681,105.00	6.69	.....	.....	.....	.....	.....	.....
Multnomah .....	1 142,767.34	23,105,760.00	161.84	18,390.13	356,575.00	19.39	.....	.....	.....
Polk .....	136,287.96	4,848,880.00	35.58	.....	.....	.....	.....	.....	.....
Sherman .....	22,511	8,490,810.00	31.16	.....	.....	.....	.....	.....	.....
Tillamook .....	18,083	2,685,565.00	147.41	429,716	11,967,780.00	27.85	.....	.....	.....
Umatilla .....	1 338,834	25,781,645.00	19.31	.....	.....	.....	.....	.....	.....
Union .....	133,507	7,924,850.00	48.47	286,249	1,333,040.00	4.87	.....	.....	.....
Wallowa .....	130,014	4,501,110.00	34.89	129,613	1,290,623.00	9.96	.....	.....	.....
Wasco .....	130,076	4,811,023.00	36.63	.....	.....	.....	.....	.....	.....
Washington .....	130,842	8,260,990.00	63.23	.....	.....	.....	.....	.....	.....
Wheeler .....	30,718	7,021,160.00	22.86	.....	.....	.....	.....	.....	.....
Yamhill .....	134,250.84	8,491,970.00	63.25	.....	.....	.....	.....	.....	.....
State .....	10,662,397.95	\$230,418,168.00	.....	4,240,515.13	\$68,861,617.00	.....	9,814,432.34	\$70,360,951.00	.....

TABLE XII—Continued

County	Improvements on Deced or Patented Lands		Town and City Lots		Improvements on Town and City Lots		Improvements on Lands not Deced or Patented		Railroads Under Construction, Logging Roads and Rolling Stock		Steamboats, Sailboats, Stationary Engines and Manufacturing Machinery		Merchandise and Stock in Trade		Farming Implements, Wagons, Carriages, Automobiles, etc.	
	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value
Baker .....	\$ 11,930.00	\$ 3,973,835.00					\$ 114,145.00	\$ 1,150.00	\$ 479,895.00	\$ 969,410.00	\$ 599,280.00					
Benton .....	468,369.00	1,403,115.00			759,050.00		313,560.00	9,500.00	50,890.00	191,220.00	228,245.00					
Blackman .....	1,260,640.00	3,895,585.00			1,623,450.00		5,270.00		573,225.00	506,185.00	382,370.00					
Clatsop .....	504,245.00	7,378,389.00			1,358,588.00				225,555.00	562,708.00	321,115.00					
Columbia .....	496,000.00	7,404,485.00			1,614,740.00				465,320.00	157,770.00	281,860.00					
Coos .....	850,440.00	5,443,527.00			1,685,660.00				705,360.00	709,060.00	281,860.00					
Crook .....	187,355.00	138,515.00			1,157,565.00				18,100.00	60,560.00	131,830.00					
Curry .....	180,960.00	188,180.00			154,220.00				102,920.00	123,020.00	131,830.00					
Deschutes .....	889,575.00	664,585.00			245,330.00				249,480.00	267,250.00	121,090.00					
Douglas .....	237,405.00	131,760.00			369,285.00				238,170.00	442,830.00	510,680.00					
Gilliam .....	446,180.00	93,145.00			173,148.00				21,930.00	164,650.00	510,680.00					
Grant .....	349,625.00	146,295.00			347,240.00				100,540.00	174,836.00	133,200.00					
Harney .....	289,195.00	719,275.00			603,000.00				142,580.00	234,505.00	170,440.00					
Hood River .....	521,170.00	3,100,170.00			3,066,490.00				242,240.00	608,890.00	639,460.00					
Jackson .....	1,078,500.00	91,965.00			76,740.00				29,490.00	45,470.00	129,150.00					
Jefferson .....	155,970.00	849,295.00			780,250.00				216,145.00	269,108.00	140,365.00					
Josephine .....	338,680.00	1,760,657.00			839,950.00				197,495.00	518,635.00	89,760.00					
Klamath .....	285,470.00	588,790.00			302,360.00				30,510.00	182,540.00	138,010.00					
Lake .....	206,250.00	6,276,909.00			3,615,930.00				629,845.00	1,111,699.00	712,235.00					
Lane .....	1,168,490.00	890,637.00			403,285.00				57,535.00	88,485.00	36,200.00					
Lincoln .....	294,605.00	1,596,590.00			1,994,675.00				694,725.00	594,605.00	235,985.00					
Linn .....	1,483,780.00	557,575.00			344,415.00				15,865.00	230,370.00	183,840.00					
Malheur .....	333,355.00	4,916,245.00			5,131,940.00				504,285.00	1,322,130.00	867,690.00					
Marion .....	2,640,660.00	245,236.00			524,300.00				74,400.00	207,750.00	356,065.00					
Morrow .....	3,331,980.00	160,946,380.00			42,435,950.00				4,115,115.00	24,891,615.00	3,538,300.00					
Multnomah .....	669,700.00	576,358.00			773,120.00				179,870.00	226,990.00	266,040.00					
Polk .....	297,600.00	53,900.00			228,160.00				13,740.00	274,650.00	494,980.00					
Sherman .....	431,930.00	1,257,325.00			430,725.00				320,305.00	200,045.00	224,910.00					
Tillamook .....	1,036,800.00	1,923,866.00			2,709,420.00				58,120.00	1,334,190.00	1,841,025.00					
Umatilla .....	1,083,000.00	1,527,800.00			1,913,151.00				307,860.00	924,110.00	712,875.00					
Union .....	587,362.00	1,492,320.00			760,270.00				186,355.00	598,187.00	418,355.00					
Wallowa .....	600,925.00	1,423,582.00			1,569,313.00				146,560.00	390,485.00	500,090.00					
Wasco .....	1,824,865.00	933,210.00			943,690.00				167,090.00	326,705.00	567,355.00					
Washington .....	223,435.00	58,850.00			131,660.00				68,275.00	102,000.00	18,075.00					
Wheeler .....	1,612,020.00	1,329,600.00			1,816,365.00				235,555.00	697,865.00	492,175.00					
Yamhill .....																
State .....	\$27,145,367.00	\$218,553,663.00	\$90,865,134.00	\$1,514,980.00	\$1,092,060.00	\$11,875,471.00	\$39,804,685.00	\$10,380,070.00								

## REPORT OF STATE TAX COMMISSION

TABLE XII—Continued

County	Money, Notes and Accounts		Shares of Stock	Hotel and Office Furniture, etc.		Horses and Mules			Cattle		
	Value			Value	Number	Value	Average Value	Number	Value	Average Value	
Baker	\$ 103,055.00	\$ 495,585.00		\$	11,239	\$ 661,625.00	\$58.37	47,270	\$ 1,372,930.00	\$39.62	
Benton	106,235.00	19,270.00		11,750.00	2,111	165,195.00	78.35	7,317	167,180.00	22.85	
Blackamas	5,780.00	128,000.00		10,705.00	7,156	300,745.00	42.03	16,223	365,015.00	21.88	
Clatsop	550,807.00			29,675.00	750	39,720.00	52.96	5,851	155,445.00	26.57	
Columbia	7,830.00	53,910.00		15,170.00	1,994	76,780.00	38.50	8,054	164,895.00	20.47	
Coos	33,350.00	280,040.00		120,650.00	2,816	173,220.00	61.51	18,520	570,085.00	30.78	
Crook	134,000.00	97,895.00		3,950.00	5,104	130,915.00	25.85	23,351	816,305.00	34.96	
Curry	112,910.00			18,540.00	949	51,320.00	54.71	7,326	239,380.00	32.68	
Deschutes	7,730.00	50,120.00		31,545.00	2,946	92,320.00	61.31	7,495	210,790.00	28.12	
Douglas	200,225.00	175,580.00		88,340.00	5,615	350,150.00	62.36	17,752	505,480.00	28.47	
Gilliam	280,445.00	169,277.24		11,260.00	7,300	555,815.00	76.11	7,712	311,360.00	40.37	
Grant	110,520.00	110,500.00		1,745.00	9,384	323,180.00	34.44	39,864	1,169,449.00	29.34	
Harney	2,800.00	109,285.00			12,075	362,350.00	30.00	65,626	2,296,910.00	35.00	
Hood River	2,300.00	110,900.00		7,060.00	913	52,515.00	57.52	1,121	35,510.00	31.68	
Jackson	374,100.00			46,110.00	5,393	323,810.00	60.04	24,452	785,840.00	32.14	
Jefferson	51,145.00	20,200.00		3,950.00	3,739	145,175.00	38.93	7,623	239,120.00	31.37	
Josephine	19,990.00	56,785.00		17,320.00	1,433	66,355.00	46.31	5,258	131,140.00	24.95	
Klamath	28,520.00	142,845.00		16,820.00	4,901	241,815.00	49.34	24,975	670,807.00	26.86	
Lake	267,850.00	413,874.00		22,480.00	8,419	256,010.00	30.11	48,998	1,474,680.00	30.10	
Lane	470,550.00	416,023.00			6,477	406,990.00	63.68	21,294	528,525.00	24.82	
Lincoln	10,378.00				1,337	64,920.00	48.56	8,428	196,201.00	23.16	
Linn	535,030.00	283,705.00		32,910.00	3,422	623,155.00	66.14	24,260	569,040.00	23.45	
Malheur	21,890.00	167,415.00		33,500.00	10,621	339,435.00	31.96	32,609	1,334,570.00	40.93	
Marion	503,100.00	690,095.00		71,215.00	6,781	523,155.00	77.15	15,398	551,865.00	35.84	
Morrow	244,950.00	201,925.00		18,350.00	8,430	517,860.00	61.43	9,433	321,860.00	34.13	
Multnomah	14,936,605.00	5,483,050.00		1,150,940.00	3,973	217,960.00	54.86	8,721	301,635.00	34.59	
Polk	46,030.00	98,520.00		9,220.00	5,388	265,510.00	49.28	11,176	202,510.00	18.12	
Sherman	216,080.00			12,240.00	7,328	555,070.00	75.75	3,891	147,390.00	37.88	
Tillamook	6,775.00	115,000.00		21,310.00	1,359	74,790.00	55.03	13,628	520,090.00	38.16	
Umatilla	1,713,360.00	1,214,585.00		41,095.00	20,680	1,679,840.00	81.23	26,419	923,590.00	34.96	
Union	589,315.00	380,510.00		68,800.00	10,316	714,575.00	69.27	17,610	631,645.00	35.87	
Wallowa	1,159,199.00	213,489.00		34,605.00	10,912	593,255.00	54.37	34,080	1,492,055.00	43.78	
Wasco	101,245.00	376,350.00		42,805.00	7,469	450,420.00	60.31	11,713	387,430.00	33.08	
Washington	175,880.00	159,500.00		65,465.00	6,609	350,720.00	53.07	20,008	517,835.00	25.88	
Wheeler	258,750.00			2,600.00	3,120	180,350.00	57.80	13,107	675,325.00	51.57	
Yamhill	162,920.00	307,885.00		47,370.00	7,630	454,195.00	59.53	13,315	283,690.00	21.31	
State	\$23,551,549.00	\$12,542,098.24	\$ 2,109,495.00	\$ 2,109,495.00	222,089	\$12,380,425.00		669,876	\$21,757,147.00		

TABLE XII—Continued

County	Sheep and Goats			Swine			Dogs			Miscellaneous		Totals	
	Number	Value	Average Value	Number	Value	Average Value	Number	Value	Average Value	Value	Value	Value	Value
Baker .....	117,089	\$ 1,385,615.00	\$11.83	5,284	\$ 47,060.00	\$ 8.94	86	\$ 1,395.00	\$21.14	\$ 36,480.00	\$	21,192,890.00	
Benton .....	14,787	84,240.00	5.70	1,450	16,215.00	11.11	100	850.00	8.50	.....	.....	10,057,880.00	
Blackamas .....	13,471	53,945.00	4.02	7,049	43,335.00	6.23	1,171	6,880.00	5.88	.....	.....	23,572,515.00	
Clatsop .....	1,287	5,595.00	4.35	404	2,215.00	5.48	1,63	825.00	5.08	.....	.....	29,031,694.00	
Columbia .....	1,529	7,780.00	5.09	1,417	12,510.00	8.83	632	6,315.00	9.99	.....	.....	11,882,985.00	
Coos .....	4,503	30,425.00	6.76	3,073	28,375.00	9.39	538	7,005.00	13.02	.....	.....	26,400,732.00	
Crook .....	36,419	364,190.00	10.00	4,777	3,185.00	6.68	39	7,640.00	22.07	.....	.....	5,243,045.00	
Curry .....	11,255	65,640.00	5.83	1,387	14,310.00	10.30	358	7,190.00	20.03	.....	.....	4,910,035.00	
Deschutes .....	23,641	118,305.00	5.00	1,015	7,320.00	7.80	328	1,135.00	11.25	670.00	.....	5,386,800.00	
Douglas .....	57,216	354,380.00	6.19	5,218	41,325.00	8.01	615	5,160.00	8.33	.....	.....	21,957,250.00	
Gilliam .....	81,941	1,120,590.00	13.80	2,779	28,350.00	12.06	1,219	1,220.00	11.13	71,205.00	.....	10,816,712.24	
Grant .....	61,620	474,782.00	7.70	2,231	14,921.00	6.69	546	3,090.00	5.66	428.00	.....	7,367,680.00	
Harney .....	79,351	634,498.00	8.00	573	5,730.00	10.00	.....	.....	.....	.....	.....	13,885,006.00	
Hood River .....	1,118	370.00	3.09	537	3,905.00	11.59	194	2,010.00	10.37	.....	.....	7,472,510.00	
Jefferson .....	25,618	158,180.00	6.17	5,036	33,270.00	6.61	1,357	16,530.00	12.18	930.00	.....	23,900,850.00	
Josephine .....	14,381	104,880.00	7.30	782	7,325.00	9.37	15	390.00	26.00	10,005.00	.....	4,162,875.00	
Klamath .....	65,273	426,616.00	6.54	956	7,320.00	7.66	139	685.00	5.31	.....	.....	6,725,103.00	
Lake .....	125,633	983,290.00	7.87	2,305	13,217.00	5.73	300	2,775.00	9.25	.....	.....	16,653,937.00	
Lane .....	21,999	94,250.00	4.28	6,733	5,110.00	9.09	224	1,000.00	16.62	156,500.00	.....	30,759,616.00	
Lincoln .....	7,195	26,763.00	3.72	2,981	10,347.00	3.64	38	3,725.00	9.29	.....	.....	8,399,690.00	
Linn .....	30,352	209,025.00	6.89	9,834	94,875.00	9.65	1,421	8,305.00	5.84	3,870.00	.....	26,768,640.00	
Malheur .....	156,220	1,531,590.00	9.80	2,277	16,135.00	7.09	1,523	2,615.00	5.00	8,600.00	.....	10,455,440.00	
Marion .....	21,225	141,990.00	6.69	8,353	85,525.00	10.24	162	3,415.00	21.08	.....	.....	37,610,680.00	
Morrow .....	154,257	1,540,060.00	9.98	2,517	17,644.00	7.00	.....	.....	.....	.....	.....	11,806,055.00	
Multnomah .....	1,181	7,910.00	6.70	3,167	31,520.00	9.95	3	40.00	13.33	1,068,930.00	.....	295,974,765.00	
Polk .....	17,650	95,120.00	5.39	5,144	39,570.00	7.69	1,013	10,190.00	10.05	.....	.....	11,880,890.00	
Sherman .....	20,132	184,450.00	9.16	1,692	25,400.00	15.01	334	3,340.00	10.00	.....	.....	11,756,170.00	
Tillamook .....	489	1,665.00	3.41	1,188	20,000.00	16.83	.....	.....	.....	.....	.....	20,825,630.00	
Umatilla .....	100,008	796,185.00	7.96	9,033	79,495.00	8.80	48	870.00	18.13	6,025.00	.....	41,577,376.00	
Union .....	12,533	150,780.00	12.00	6,329	69,510.00	10.97	632	7,330.00	11.24	.....	.....	19,852,370.00	
Walla .....	77,405	731,375.00	9.45	9,330	86,568.00	8.87	78	1,685.00	21.35	.....	.....	15,387,388.00	
Wasco .....	61,988	498,110.00	8.04	5,651	52,335.00	9.39	33	1,465.00	14.05	.....	.....	13,308,348.00	
Washington .....	9,166	28,310.00	5.53	4,111	32,380.00	6.98	1,637	9,265.00	5.69	4,625.00	.....	19,877,580.00	
Wheeler .....	69,370	967,325.00	13.95	4,112	32,850.00	6.42	.....	.....	.....	1,000.00	.....	6,245,765.00	
Yamhill .....	17,340	65,525.00	3.66	6,318	52,570.00	8.33	904	11,125.00	12.31	.....	.....	19,572,030.00	
State.....	1,510,853	\$13,460,014.00	-	127,745	\$1,117,612.00	-	13,394	\$125,948.00	-	\$1,369,268.00		\$865,285,722.24	

1 All lands. 2 Includes timber lands. 3 Includes all lands except timber. 4 Includes logging roads. 5 Includes automobiles.

6 Includes hotel and office furniture. 7 Includes nonillable lands.

TABLE XIII

Statement prepared by the State Tax Commission of Oregon, filed in office of Secretary of State, December 29, 1917

Showing:

*First Column*—Names of counties.

*Second Column*—Value of taxable property in each county as assessed by the county assessor and equalized by the county board of equalization thereof, as of March 1, 1917.

*Third Column*—Value of taxable property assessed and equalized by the State Tax Commission and apportioned according to respective county ratios.

*Fourth Column*—Total value of taxable property in each county, including that equalized by the county board of equalization and that equalized and apportioned by the State Tax Commission.

*Fifth Column*—Per cent or ratio of taxable to full cash value of property generally in each county, as determined by the State Tax Commission.

First Column	Second Column	Third Column	Fourth Column	Fifth Column
Baker .....	\$ 19,850,800.00	\$ 5,563,694.88	\$ 25,414,494.88	.76
Benton .....	10,138,065.00	971,407.89	11,109,472.89	.62
Clackamas .....	23,229,445.00	5,499,645.21	28,729,090.21	.58
Clatsop .....	25,926,526.00	2,121,671.55	28,048,197.55	.75
Columbia .....	11,588,645.00	2,072,237.75	13,660,882.75	.65
Coos .....	19,134,495.00	868,236.51	20,002,731.51	.65
Crook .....	4,738,255.00	44,445.41	4,782,700.41	.59
Curry .....	4,701,300.00	12,186.35	4,713,486.35	.87
Deschutes .....	5,090,640.00	432,395.49	5,523,035.49	.48
Douglas .....	21,587,905.00	6,156,194.23	27,744,099.23	.73
Gilliam .....	8,250,036.96	3,141,855.00	11,391,891.96	.78
Grant .....	7,718,622.00	349,203.20	8,067,825.20	.71
Harney .....	13,027,957.00	447,536.90	13,475,493.90	.85
Hood River .....	7,423,945.00	1,746,827.89	9,170,772.89	.64
Jackson .....	23,538,690.00	3,482,101.73	27,020,791.73	.62
Jefferson .....	4,166,320.00	1,174,622.96	5,340,942.96	.70
Josephine .....	7,061,460.00	1,941,905.03	9,003,365.03	.71
Klamath .....	15,162,654.00	1,038,579.69	16,201,233.69	.70
Lake .....	11,801,978.57	133,435.10	11,935,413.67	.76
Lane .....	30,428,266.00	4,372,198.68	34,800,464.68	.60
Lincoln .....	8,842,237.00	581,573.40	9,423,810.40	.88
Linn .....	26,353,595.00	4,028,135.42	30,381,730.42	.68
Malheur .....	8,797,360.00	2,270,644.29	11,068,004.29	.59
Marion .....	36,833,350.00	5,211,697.76	42,045,047.76	.68
Morrow .....	10,459,592.00	3,361,633.66	13,821,225.66	.88
Multnomah .....	272,951,250.00	33,001,596.22	305,952,846.22	.60
Polk .....	11,478,690.00	1,337,708.04	12,816,398.04	.49
Sherman .....	7,732,410.00	2,507,703.67	10,240,113.67	.68
Tillamook .....	20,434,000.00	842,957.97	21,276,957.97	.93
Umatilla .....	40,367,334.00	11,139,946.11	51,507,280.11	.80
Union .....	19,201,940.00	5,105,713.03	24,307,653.03	.84
Wallowa .....	13,703,664.00	1,349,136.73	15,052,800.73	.80
Wasco .....	12,637,720.00	4,978,290.66	17,616,010.66	.74
Washington .....	19,421,805.00	1,982,662.24	21,404,467.24	.51
Wheeler .....	5,060,975.00	3,022.52	5,063,997.52	.76
Yamhill .....	19,056,315.00	1,434,524.73	20,490,839.73	.64
Total .....	\$807,898,242.53	\$120,707,327.83	\$928,605,570.36	.....

# REPORT OF STATE TAX COMMISSION

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*Sixth Column*—Full cash value of taxable property assessed by county assessor and equalized by county board of equalization in each county, found by application of county ratio.

*Seventh Column*—Full cash value of property assessed and equalized by State Tax Commission and assigned to the several counties.

*Eighth Column*—Total full cash value of taxable property in each county, including that equalized by the county board of equalization and that equalized and apportioned by the State Tax Commission, found by application of county ratio to taxable value of property therein.

*Ninth Column*—Total taxable value of all property in the State equalized among the several counties according to their respective ratios.

*Tenth Column*—Per cent of equalized value of taxable property in each county to total taxable value of the state, and per cent of State taxes to be paid by each county.

Sixth Column	Seventh Column	Eighth Column	Ninth Column	Tenth Column
\$ 26,119,473.68	\$ 7,320,651.16	\$ 33,440,124.84	\$ 21,987,307.40	.023678
16,351,717.74	1,566,786.93	17,918,504.67	11,781,644.70	.012687
40,050,767.24	9,482,146.92	49,532,914.16	32,568,521.10	.035073
34,568,701.33	2,828,895.40	37,397,596.73	24,589,395.50	.026480
17,828,684.62	3,188,058.08	21,016,742.70	13,818,775.60	.014881
29,437,684.62	1,335,748.48	30,773,433.10	20,233,923.70	.021790
8,030,940.68	75,331.20	8,106,271.88	5,329,976.80	.005740
5,403,793.13	14,007.30	5,417,800.43	3,562,272.70	.003836
10,605,500.00	900,823.80	11,506,323.80	7,565,554.20	.008147
29,572,472.60	8,433,142.78	38,005,615.38	24,989,175.50	.026910
10,576,970.46	4,028,019.24	14,604,989.70	9,602,966.50	.010341
10,871,298.59	491,835.50	11,363,134.09	7,471,405.20	.008046
15,327,008.24	526,514.00	15,853,522.24	10,423,892.50	.011225
11,599,914.06	2,729,418.59	14,329,332.65	9,421,718.50	.010146
37,965,629.03	5,616,293.12	43,581,922.15	28,655,668.10	.030859
5,951,885.71	1,678,032.80	7,629,918.51	5,016,768.40	.005402
9,945,718.31	2,735,077.52	12,680,795.83	8,337,784.56	.008979
21,660,934.29	1,483,685.28	23,144,619.57	15,217,881.70	.016388
15,528,919.17	175,572.50	15,704,491.67	10,325,903.00	.011120
50,713,776.67	7,286,997.80	58,000,774.47	38,136,247.00	.041068
10,047,996.59	660,878.86	10,708,875.45	7,041,221.80	.007583
38,755,286.76	5,923,728.54	44,679,015.30	29,377,020.80	.031636
14,910,779.66	3,848,549.65	18,759,329.31	12,334,497.60	.013283
54,166,691.18	7,664,261.40	61,830,952.58	40,654,637.80	.043780
11,885,900.00	3,820,038.25	15,705,938.25	10,326,854.20	.011121
454,918,750.00	55,002,660.37	509,921,410.37	335,279,813.50	.361057
23,425,897.96	2,730,016.40	26,155,914.36	17,197,846.40	.018520
11,371,191.18	3,687,799.52	15,058,990.70	9,901,477.90	.010663
21,972,043.01	906,406.42	22,878,449.43	15,042,871.50	.016199
50,459,167.50	13,924,932.64	64,384,100.14	42,333,364.80	.045588
22,859,452.38	6,078,229.79	28,937,682.17	19,026,894.10	.020490
17,129,580.00	1,686,420.92	18,816,000.92	12,371,759.90	.013323
17,078,000.00	6,727,419.81	23,805,419.81	15,652,366.30	.016856
38,081,970.59	3,887,573.04	41,969,543.63	27,595,508.80	.029717
6,659,177.63	3,977.00	6,663,154.63	4,381,108.90	.004718
29,775,492.19	2,241,444.88	32,016,937.07	21,051,543.40	.022670
\$ 1,231,609,166.80	\$180,691,375.89	\$1,412,300,542.69	\$928,605,570.36	1.000000

TABLE XIV

Statement prepared by the State Tax Commission of Oregon, filed in office of Secretary of State, December 30, 1918

Showing:

*First Column*—Names of counties.

*Second Column*—Value of taxable property in each county as assessed by the county assessor and equalized by the county board of equalization thereof, as of March 1, 1918.

*Third Column*—Value of taxable property assessed and equalized by the State Tax Commission and apportioned according to respective county ratios.

*Fourth Column*—Total value of taxable property in each county, including that equalized by the county board of equalization and that equalized and apportioned by the State Tax Commission.

*Fifth Column*—Per cent or ratio of taxable to full cash value of property generally in each county, as determined by the State Tax Commission.

First Column	Second Column	Third Column	Fourth Column	Fifth Column
Baker .....	\$ 21,192,390.00	\$ 5,779,243.49	\$ 26,971,633.49	.78
Benton .....	10,057,880.00	972,853.77	11,030,733.77	.60
Clackamas .....	23,572,515.00	5,390,942.05	28,963,457.05	.58
Clatsop .....	29,031,694.00	2,152,566.70	31,184,260.70	.76
Columbia .....	11,682,985.00	2,057,450.53	13,740,435.53	.65
Coos .....	26,100,732.00	1,130,980.02	27,231,712.02	.80
Crook .....	5,243,045.00	45,360.97	5,288,405.97	.59
Curry .....	4,910,025.00	12,402.11	4,922,427.11	.87
Deschutes .....	5,836,800.00	419,431.50	6,256,231.50	.45
Douglas .....	21,957,220.00	6,095,195.02	28,052,415.02	.72
Gilliam .....	10,316,712.24	3,609,838.22	13,926,550.46	.90
Grant .....	7,957,680.00	359,823.38	8,317,503.38	.71
Harney .....	13,685,006.00	478,694.92	14,163,700.92	.86
Hood River .....	7,472,510.00	1,777,172.77	9,249,682.77	.64
Jackson .....	23,900,850.00	3,480,404.45	27,381,254.45	.62
Jefferson .....	4,162,875.00	1,172,348.80	5,335,223.80	.70
Josephine .....	6,725,103.00	1,919,881.07	8,644,984.07	.70
Klamath .....	16,653,927.00	1,086,484.94	17,740,411.94	.71
Lake .....	12,666,943.00	136,462.48	12,803,405.48	.77
Lane .....	30,759,616.00	4,330,060.05	35,089,676.05	.59
Lincoln .....	8,899,690.00	575,361.66	9,475,051.66	.87
Linn .....	26,768,640.00	4,022,305.29	30,790,945.29	.68
Malheur .....	10,455,440.00	2,413,069.45	12,868,509.45	.63
Marion .....	37,610,680.00	5,265,767.71	42,876,447.71	.69
Morrow .....	11,306,055.00	3,276,740.28	14,582,795.28	.88
Multnomah .....	295,974,765.00	32,501,719.86	328,476,484.86	.62
Polk .....	11,880,890.00	1,374,913.15	13,255,803.15	.50
Sherman .....	11,756,170.00	3,500,504.15	15,256,674.15	.96
Tillamook .....	20,825,630.00	858,274.53	21,683,904.53	.93
Umatilla .....	41,677,376.00	11,212,127.36	52,889,503.36	.80
Union .....	19,852,270.00	5,121,426.30	24,973,696.30	.84
Wallowa .....	15,387,888.00	1,292,260.46	16,680,148.46	.81
Wasco .....	13,308,345.00	5,076,489.69	18,384,834.69	.75
Washington .....	19,877,580.00	1,948,171.55	21,825,751.55	.51
Wheeler .....	6,245,765.00	4,384.06	6,250,149.06	.83
Yamhill .....	19,572,030.00	1,397,061.99	20,969,091.99	.63
Totals .....	\$865,285,722.24	\$122,248,174.73	\$987,533,896.97	.....

*Sixth Column*—Full cash value of taxable property assessed by county assessor and equalized by county board of equalization in each county, found by application of county ratio.

*Seventh Column*—Full cash value of property assessed and equalized by State Tax Commission and assigned to the several counties.

*Eighth Column*—Total full cash value of taxable property in each county, including that equalized by the county board of equalization and that equalized and apportioned by the State Tax Commission, found by application of county ratio to taxable value of property therein.

*Ninth Column*—Total taxable value of all property in the State equalized among the several counties according to their respective ratios.

*Tenth Column*—Per cent of equalized value of taxable property in each county to total taxable value of the State, and per cent of State taxes to be paid by each county.

Sixth Column	Seventh Column	Eighth Column	Ninth Column	Tenth Column
\$ 27,169,730.77	\$ 7,409,286.52	\$ 34,579,017.29	\$ 23,304,099.60	.023598
16,763,133.33	1,621,422.35	18,384,556.28	12,390,043.50	.012546
40,642,267.24	9,234,727.68	49,936,994.92	33,654,417.90	.034079
38,199,597.37	2,832,324.60	41,031,921.97	27,652,954.50	.028002
17,973,823.08	3,165,308.50	21,139,131.58	14,246,455.30	.014426
32,625,915.00	1,413,725.02	34,039,640.02	22,940,592.90	.023230
8,886,516.95	76,883.00	8,963,399.95	6,040,772.10	.006117
5,643,706.90	14,255.30	5,657,962.20	3,813,113.40	.003861
12,970,666.67	932,070.00	13,902,736.67	9,369,576.80	.009488
30,496,138.89	8,465,548.64	38,961,687.53	26,257,745.70	.026589
11,463,013.60	4,010,931.36	15,473,944.96	10,428,473.07	.010560
11,208,000.00	506,793.50	11,714,793.50	7,895,039.70	.007995
15,912,797.67	556,622.00	16,469,419.67	11,099,361.00	.011239
11,675,796.88	2,776,832.46	14,452,629.34	9,740,170.10	.009863
38,549,758.06	5,613,555.58	44,163,313.64	29,763,317.00	.030139
5,946,964.29	1,674,784.00	7,621,748.29	5,136,582.60	.005201
9,607,290.00	2,742,687.24	12,349,977.24	8,323,113.90	.008428
23,456,235.21	1,530,260.48	24,986,495.69	16,839,338.60	.017052
16,450,575.32	177,224.00	16,627,799.32	11,206,099.00	.011348
52,134,942.37	7,339,084.85	59,474,027.22	40,081,782.40	.040588
10,229,528.74	661,335.24	10,890,863.98	7,339,762.60	.007432
39,365,647.06	5,915,154.84	45,280,801.90	30,516,434.40	.030902
16,596,936.51	3,830,268.96	20,426,205.47	13,765,987.60	.013940
54,508,231.88	7,631,547.40	62,139,779.28	41,878,333.00	.042407
12,847,789.77	3,723,568.50	16,571,358.27	11,168,061.20	.011309
477,378,653.23	52,422,128.80	529,800,782.03	357,052,660.70	.361560
23,761,780.00	2,749,826.30	26,511,606.30	17,867,168.00	.018093
12,246,010.42	3,646,358.48	15,892,368.90	10,710,464.70	.010846
22,393,150.54	922,875.84	23,316,026.38	15,713,546.50	.015912
52,096,720.00	14,015,159.20	66,111,879.20	44,555,280.40	.045118
23,633,654.76	6,096,936.06	29,730,590.82	20,036,562.70	.020290
18,997,392.59	1,595,383.28	20,592,775.87	13,878,245.70	.014053
17,744,460.00	6,768,652.94	24,513,112.94	16,520,308.20	.016729
38,975,647.10	3,819,944.20	42,795,591.30	28,841,557.50	.029206
7,525,018.07	5,282.00	7,530,300.07	5,074,952.20	.005139
31,066,714.29	2,217,558.72	33,284,273.01	22,431,522.60	.022715
\$ 1,287,143,204.56	\$178,176,308.44	\$1,465,319,513.00	\$987,533,896.97	1.000000



TABLE XV

Statement of the apportionment of state taxes among the several counties of the state.

The following table shows:

*First Column*—Names of counties.

*Second Column*—Percentage that the equalized value of the taxable property in each county is of the total value of the taxable property in the State as so equalized, which percentage is also the proportion of the State taxes to be paid by the several counties, as provided in Sections 3641 and 3644 of Lord's Oregon Laws, as amended by Sections 28 and 31 of Chapter 193, Laws of 1913.

*Third Column*—The total amount of revenue to be raised for the fiscal year ending December 31, 1918, for general State purposes, fully authorized by law, and apportioned to each county of the State of Oregon, to be levied and collected and paid into the State Treasury by each of said counties in the manner provided by law, being the resulting amount apportioned to each of said counties by application of the respective percentage or proportion shown in the second column hereof to the total amount of \$2,856,205.00.

Counties	Percentages	Revenue for General State Purposes
Baker .....	.023678	\$ 67,629.20
Benton .....	.012687	36,236.70
Clackamas .....	.035073	100,175.70
Clatsop .....	.026480	75,632.30
Columbia .....	.014881	42,503.20
Coos .....	.021790	62,236.70
Crook .....	.005740	16,394.60
Curry .....	.003836	10,956.40
Deschutes .....	.008147	23,269.50
Douglas .....	.026910	76,860.50
Gilliam .....	.010341	29,536.00
Grant .....	.008046	22,981.00
Harney .....	.011225	32,060.90
Hood River .....	.010146	28,979.10
Jackson .....	.030859	88,139.60
Jefferson .....	.005402	15,429.20
Josephine .....	.008979	25,645.90
Klamath .....	.016388	46,807.50
Lake .....	.011120	31,761.00
Lane .....	.041068	117,298.60
Lincoln .....	.007583	21,658.60
Linn .....	.031636	90,358.90
Malheur .....	.013283	37,939.00
Marion .....	.043780	125,044.60
Morrow .....	.011121	31,763.90
Multnomah .....	.361057	*1,031,252.80
Polk .....	.018520	52,896.90
Sherman .....	.010663	30,455.70
Tillamook .....	.016199	46,267.70
Umatilla .....	.045588	130,208.70
Union .....	.020490	58,523.60
Wallowa .....	.013323	38,053.20
Wasco .....	.016856	48,144.20
Washington .....	.029717	84,877.80
Wheeler .....	.004718	13,475.60
Yamhill .....	.022670	64,750.20
Total .....	1.000000	\$2,856,205.00

\* \$61,250.00 to be deducted from this amount on account of annual interest on Interstate Bridge Bonds, January 1, 1918, to January 1, 1919, as provided in Chapter 349, General Laws of Oregon of 1913, leaving to be paid by Multnomah County the total amount of \$970,002.80.

TABLE XVI

Statement of the apportionment of state taxes among the several counties of the state.

The following table shows:

*First Column*—Names of counties.

*Second Column*—Percentage that the equalized value of the taxable property in each county is of the total value of the taxable property in the State as so equalized, which percentage is also the proportion of the State taxes to be paid by the several counties, as provided in Sections 3641 and 3644 of Lord's Oregon Laws, as amended by Sections 28 and 31 of Chapter 193, Laws of 1913.

*Third Column*—The total amount of revenue to be raised for the fiscal year ending December 31, 1919, for general State purposes, fully authorized by law, and apportioned to each county of the State of Oregon, to be levied and collected and paid into the State Treasury by each of said counties in the manner provided by law, being the resulting amount apportioned to each of said counties by application of the respective percentage or proportion shown in the second column hereof to the total amount of \$3,021,402.00.

Counties	Percentages	Revenue for General State Purposes
Baker .....	.023598	\$ 71,299.00
Benton .....	.012546	37,906.60
Clackamas .....	.034079	102,966.40
Clatsop .....	.028002	84,605.20
Columbia .....	.014426	43,586.80
Coos .....	.023230	70,187.20
Crook .....	.006117	18,482.00
Curry .....	.003861	11,665.60
Deschutes .....	.009488	28,667.00
Douglas .....	.026589	80,336.00
Gilliam .....	.010560	31,906.00
Grant .....	.007995	24,156.20
Harney .....	.011239	33,957.60
Hood River .....	.009863	29,800.00
Jackson .....	.030139	91,062.00
Jefferson .....	.005201	15,714.40
Josephine .....	.008428	25,464.40
Klamath .....	.017052	51,521.00
Lake .....	.011348	34,287.00
Lane .....	.040588	122,632.60
Lincoln .....	.007432	22,455.00
Linn .....	.030902	93,367.40
Malheur .....	.013940	42,118.40
Marion .....	.042407	128,128.60
Morrow .....	.011309	34,169.00
Multnomah .....	.361560	*1,092,418.00
Polk .....	.018093	54,666.20
Sherman .....	.010846	32,770.00
Tillamook .....	.015912	48,076.60
Umatilla .....	.045118	136,319.60
Union .....	.020290	61,304.20
Wallowa .....	.014053	42,459.80
Wasco .....	.016729	50,545.00
Washington .....	.029206	88,243.00
Wheeler .....	.005139	15,527.00
Yamhill .....	.022715	68,631.20
<b>Total .....</b>	<b>1.000000</b>	<b>\$3,021,402.00</b>

\* \$58,750.00 to be deducted from this amount on account of annual interest on Interstate Bridge Bonds, January 1, 1919, to January 1, 1920, as provided in Chapter 349, General Laws of Oregon of 1913, leaving to be paid by Multnomah county the total amount of \$1,033,668.00.

TABLE XVII  
Summarized Statement of the Taxes Levied in the Years 1917 and 1918

Counties	1917		1918		Biennial Period of 1917-1918		Per cent State Tax levied for all pur- poses 1917 and 1918
	Total of Taxes levied for all purposes (on Assessment Rolls of 1916)	Total of State Taxes levied	Total of Taxes levied for all purposes (on Assessment Rolls of 1917)	Total of State Taxes levied	Total of Taxes levied for all purposes (on Assessment Rolls of 1916-1917)	Total of State Taxes levied	
Baker	\$ 449,376.57	\$ 62,646.90	\$ 454,177.43	\$ 67,629.20	\$ 916,554.00	\$ 130,276.10	.142603
Benton	286,502.54	34,310.20	301,146.78	36,336.70	587,649.32	70,546.90	.120049
Clackamas	823,946.75	96,831.50	869,577.17	100,175.70	1,593,523.92	197,057.20	.116359
Clatsop	863,481.31	70,692.40	949,759.59	75,632.30	1,813,240.90	146,325.70	.080698
Columbia	409,119.23	40,075.80	451,183.51	42,503.20	860,272.74	82,579.06	.095992
Coos	690,657.08	58,552.10	800,167.00	62,236.70	1,490,834.08	120,788.80	.081021
Crook	321,574.91	31,041.40	182,113.68	16,394.60	503,688.59	47,436.00	.094177
Curry	80,738.24	10,451.50	89,745.33	10,956.40	170,483.57	21,407.90	.125572
Dechutes	603,895.50	73,662.50	248,223.82	23,669.50	248,223.82	23,669.50	.093744
Douglas	186,444.82	25,974.90	209,919.53	26,860.50	1,733,817.03	150,423.00	.132758
Gilliam	134,280.35	21,266.90	190,038.60	29,236.00	246,863.12	55,510.90	.160028
Grant	231,357.50	24,900.60	254,489.98	32,060.90	465,845.48	44,207.90	.166842
Harney	240,193.56	27,721.30	272,294.46	28,979.10	512,484.02	56,961.50	.122276
Hood River	713,357.89	83,560.70	693,132.23	88,139.60	1,406,490.12	171,700.30	.110636
Jackson	108,685.15	13,986.60	121,665.54	15,429.20	230,240.69	29,028.00	.126077
Jefferson	275,883.41	23,966.60	295,033.47	25,645.90	570,916.88	49,612.50	.086900
Josephine	452,020.00	43,128.60	503,204.09	46,807.50	955,234.09	89,336.10	.094152
Klamath	217,326.89	25,580.80	176,965.70	31,761.00	394,292.59	57,341.80	.145429
Lake	908,512.20	111,883.90	912,970.14	117,298.60	1,821,482.34	229,182.50	.125822
Lane	204,677.42	20,795.00	212,240.24	21,658.60	416,917.66	42,453.60	.101827
Lincoln	539,085.39	87,072.40	537,172.43	90,358.90	1,076,257.82	177,431.30	.164859
Malheur	337,887.60	35,022.80	307,583.72	37,339.00	635,470.32	72,961.80	.114815
Marion	962,720.79	120,767.10	984,220.52	125,044.60	1,946,941.31	245,311.70	.126255
Morrow	177,242.46	20,788.60	254,490.20	31,763.90	431,732.66	59,644.50	.138151
Multnomah	8,118,713.50	* 995,100.00	8,485,728.58	† 1,031,352.80	16,704,440.08	* 2,026,352.80	.129037
Polk	400,638.51	51,002.30	339,857.90	52,896.90	828,412.33	103,899.20	.140310
Sherman	150,473.07	25,319.00	177,993.26	30,455.70	383,865.66	55,774.70	.102535
Tillamook	436,622.95	44,359.50	477,243.71	46,367.70	888,865.66	90,627.20	.102535
Umatilla	689,363.30	122,316.50	731,112.81	130,208.70	1,420,476.11	252,525.20	.177775
Union	432,994.36	56,214.60	418,697.96	58,293.20	832,692.32	111,738.20	.137792
Walla Walla	225,800.89	24,024.00	274,435.52	28,953.20	500,296.31	72,077.20	.144069
Wasco	352,974.60	44,861.50	400,028.06	48,574.20	753,032.66	93,005.70	.123513
Washington	577,997.75	81,174.60	585,083.93	84,877.80	1,153,034.68	166,062.40	.147860
Wheeler	31,409.89	11,639.30	96,420.20	13,475.60	177,830.09	26,014.90	.140667
Yamhill	484,698.52	61,942.40	457,576.44	64,750.20	912,274.96	126,692.60	.138675
	\$22,012,020.40	\$2,699,250.00	\$23,156,237.16	\$2,856,205.00	\$45,168,237.56	\$5,555,455.00	.122995

\* \$2,500.00 for Interstate Bridge Bonds to be deducted.

† \$1,250.00 for Interstate Bridge Bonds to be deducted.

Fire patrol not included.



TABLE XVIII

## Statement of Taxes Levied in 1917—Assessment Rolls of 1916

	State	County	General School	Special School	General Road
Baker .....	\$ 62,646.90	\$ 127,158.03	\$ 57,325.41	\$ 124,736.63	.....
Benton .....	34,310.20	71,418.83	49,429.20	54,745.84	24,833.24
Clackamas .....	96,881.50	135,892.59	97,707.68	142,557.27	201,162.87
Clatsop .....	70,693.40	262,806.43	44,047.15	131,963.50	.....
Columbia .....	40,075.80	47,364.20	35,819.25	60,234.12	171,525.00
Coos .....	58,552.10	110,002.03	54,088.00	149,356.56	158,101.44
Crook .....	31,041.40	127,588.42	47,539.78	80,887.91	.....
Curry .....	10,451.50	19,265.74	8,776.98	9,740.79	32,503.23
Douglas .....	73,662.50	91,078.32	70,696.07	119,257.84	138,657.30
Gilliam .....	25,974.90	53,847.71	18,659.83	23,336.92	.....
Grant .....	21,226.90	43,254.20	17,194.96	36,976.36	.....
Harney .....	24,900.60	115,791.26	24,827.98	36,146.65	24,827.97
Hood River .....	27,721.30	100,494.83	.....	57,930.65	.....
Jackson .....	83,560.70	168,133.58	74,183.57	144,305.48	95,378.89
Jefferson .....	13,598.80	27,810.96	15,149.91	25,512.24	21,714.93
Josephine .....	23,966.60	63,016.69	34,792.96	37,752.43	*
Klamath .....	43,128.60	125,801.32	89,791.58	28,011.50	60,913.16
Lake .....	25,580.80	53,549.42	32,028.90	26,835.11	27,803.31
Lane .....	111,883.90	291,596.31	125,244.14	163,683.00	.....
Lincoln .....	20,795.00	78,172.49	.....	32,571.12	.....
Linn .....	87,072.40	58,268.07	89,548.59	94,373.66	112,033.28
Malheur .....	35,022.80	80,827.47	29,509.69	63,694.40	48,994.84
Marion .....	120,767.10	206,242.48	126,307.57	155,408.46	118,118.23
Morrow .....	27,880.60	41,131.65	21,713.86	45,709.27	29,503.84
Multnomah .....	* 995,100.00	990,946.94	464,846.33	2,018,666.59	394,839.99
Polk .....	51,002.30	148,509.89	61,183.74	63,007.85	39,902.44
Sherman .....	25,319.00	36,313.32	11,276.70	40,236.68	29,935.57
Tillamook .....	44,359.50	141,438.52	49,546.14	37,128.72	83,236.06
Umatilla .....	122,316.50	42,163.78	72,000.00	209,050.39	127,000.00
Union .....	56,214.60	116,671.71	54,090.76	116,670.33	.....
Wallowa .....	34,024.00	73,092.63	31,074.16	67,911.96	.....
Wasco .....	44,861.50	79,396.98	44,871.12	93,526.34	39,021.36
Washington .....	81,174.60	108,620.89	76,591.74	80,818.22	95,271.17
Wheeler .....	11,539.30	20,450.90	13,402.79	12,801.69	21,616.56
Yamhill .....	61,942.40	105,448.19	85,199.75	86,580.42	60,170.85
Total .....	\$2,699,250.00	\$4,363,466.78	\$2,128,466.29	\$4,672,126.90	\$2,157,065.53

\* \$62,500 for Interstate Bridge Bonds to be deducted.  
Fire patrol not included.

# REPORT OF STATE TAX COMMISSION

49

Special Road	Special Cities and Towns	Ports	Miscellaneous	Total	Fire Patrol
\$	\$ 75,076.21	\$	\$ 2,433.39	\$ 449,376.57	\$ 585.14
12,070.53	39,281.34		413.36	286,502.54	
79,190.77	70,554.07			823,946.75	377.43
130,660.11	145,201.75	69,216.94	8,892.03	863,481.31	
24,020.91	17,955.36		12,124.59	409,119.23	558.80
	99,712.37	58,192.21	2,652.37	690,657.08	1,451.50
	25,721.41		8,795.99	321,574.91	2,536.48
				80,738.24	1,069.72
45,309.63	50,940.56	12,588.66	1,704.62	603,895.50	3,105.42
23,637.02	11,388.14			156,844.52	
	4,911.47		716.46	124,280.35	894.84
	4,863.04			231,357.50	
	26,492.87		27,559.91	240,199.56	109.18
4,748.15	140,398.10		2,649.42	713,357.89	
308.54	2,906.92		1,582.85	108,585.15	
25,002.96	39,162.33		52,189.44	275,883.41	
	46,744.15		57,629.69	452,020.00	1,370.90
	6,312.08		45,217.27	217,326.89	417.65
29,829.02	167,637.84	16,666.82	1,971.17	908,512.20	
	11,078.45	7,612.27	54,448.09	204,677.42	
25,179.65	72,609.74			539,085.39	1,229.65
	32,579.97		37,258.43	327,387.60	
37,749.44	197,735.07		392.44	962,720.79	204.97
	11,303.24			177,242.46	
	2,744,110.36	357,582.33	152,620.96	8,118,713.50	
1,670.90	35,361.39			400,638.51	
514.98	6,876.82			150,473.07	
	26,121.22	43,926.38	866.41	426,622.95	951.40
	87,157.88		29,674.75	689,363.30	351.26
	68,714.03		1,632.93	413,994.36	1,006.09
	19,757.94			225,860.69	
700.62	47,145.01		3,451.67	352,974.60	164.19
59,199.68	24,516.03		1,905.42	527,997.75	531.36
	1,598.65			81,409.89	667.80
2,264.76	52,300.33		791.82	454,698.52	
\$ 502,057.67	\$ 4,414,226.14	\$ 565,785.61	\$ 509,575.48	\$ 22,012,020.40	\$ 17,583.78

TABLE XIX

Statement of Taxes Levied in Oregon for 1918—Assessment Rolls of 1917

	State	County	General School	Special School	General Road
Baker .....	\$ 67,629.20	\$ 133,129.55	\$ 53,366.25	\$ 131,051.70	\$ .....
Benton .....	36,236.70	49,638.20	56,981.60	60,188.60	42,073.38
Clackamas .....	100,175.70	139,240.77	77,882.47	178,680.54	201,917.51
Clatsop .....	75,632.30	133,964.45	45,384.00	143,307.87	141,060.00
Columbia .....	42,503.20	54,165.10	33,152.00	73,424.78	173,138.05
Coos .....	62,236.70	158,659.28	70,420.00	178,710.28	136,051.21
Crook .....	16,394.60	41,015.00	28,500.00	23,910.91	2,632.10
Curry .....	10,956.40	21,107.89	9,387.59	12,928.43	35,365.02
Deschutes .....	23,269.50	73,390.48	22,692.23	95,341.32	.....
Douglas .....	76,860.50	77,509.67	69,182.49	118,308.45	118,282.98
Gilliam .....	29,536.00	54,768.31	19,367.20	27,481.61	44,975.83
Grant .....	22,981.00	48,822.63	16,942.43	46,603.47	.....
Harney .....	32,060.90	66,433.65	29,683.28	41,742.72	29,683.29
Hood River .....	28,979.10	56,320.81	17,426.91	77,925.31	41,030.79
Jackson .....	88,139.60	136,234.56	***72,989.18	140,462.87	135,165.16
Jefferson .....	15,429.20	32,791.94	19,767.07	17,347.81	21,431.61
Josephine .....	25,645.90	65,588.56	36,000.00	32,493.49	26,359.06
Klamath .....	46,807.50	81,182.23	97,207.38	28,867.30	58,938.73
Lake .....	31,761.00	61,353.32	29,844.33	23,301.92	22,563.83
Lane .....	117,298.60	283,255.34	100,921.49	188,458.42	.....
Lincoln .....	21,658.60	124,401.58	.....	34,041.43	.....
Linn .....	90,358.90	51,834.94	82,097.95	101,031.64	114,461.82
Malheur .....	37,939.00	62,779.83	29,401.83	72,466.41	50,912.82
Marion .....	125,044.60	232,338.15	121,481.15	158,045.07	121,144.90
Morrow .....	31,763.90	40,106.48	25,207.03	60,878.12	31,788.82
Multnomah .....	*1,031,252.80	1,384,453.96	489,001.06	1,949,481.91	.....
Polk .....	52,896.90	73,984.42	***53,828.44	55,499.76	70,489.62
Sherman .....	30,455.70	42,453.91	11,800.89	53,024.78	25,600.29
Tillamook .....	46,267.70	48,386.23	51,000.00	41,004.32	188,150.00
Umatilla .....	130,208.70	70,861.35	75,000.00	227,264.60	107,957.00
Union .....	58,523.60	114,741.35	54,060.22	111,111.20	.....
Wallowa .....	38,053.20	130,538.16	** 6,777.18	78,064.28	.....
Wasco .....	48,144.20	89,321.11	45,821.73	108,064.41	40,181.24
Washington .....	84,877.80	126,624.04	78,718.29	93,901.08	96,324.72
Wheeler .....	13,475.60	19,918.79	14,672.91	21,269.21	25,297.30
Yamhill .....	64,750.20	78,677.66	85,646.91	102,432.24	64,156.35
Total .....	\$2,856,205.00	\$4,459,993.70	\$2,131,613.49	\$4,908,108.26	\$2,167,233.43

\* Includes Interest on Interstate Bridge Bonds.

\*\* Includes High School only.

\*\*\* Includes Library.

Special Road	Special Cities and Towns	Ports	Miscel- laneous	Totals	Fire Patrol
\$ 8,111.84	\$ 79,000.73	\$ -----	\$ -----	\$ 464,177.43	\$ 592.80
102,270.30	47,323.90	-----	592.56	301,146.78	930.43
136,694.11	69,409.88	-----	-----	869,577.17	347.26
35,398.08	169,493.23	94,968.46	9,155.17	949,759.59	-----
-----	20,577.93	-----	18,794.37	451,153.51	4,974.14
34,691.42	97,306.46	61,387.45	704.20	800,167.00	1,638.36
-----	11,494.91	-----	58,166.16	182,113.68	839.68
-----	-----	-----	-----	89,745.33	2,673.74
-----	33,198.88	-----	331.41	248,223.82	646.97
10,383.28	51,134.62	6,572.65	1,686.89	529,921.53	3,347.02
-----	-----	-----	-----	-----	-----
-----	13,908.04	-----	1.61	190,038.60	-----
-----	5,339.10	-----	-----	140,688.63	1,544.29
-----	5,200.85	-----	29,683.29	234,487.98	56.19
-----	23,096.57	-----	27,514.97	272,284.46	104.72
-----	120,140.86	-----	-----	693,132.23	-----
-----	-----	-----	-----	-----	-----
-----	3,568.91	-----	11,319.00	121,655.54	509.82
-----	48,096.38	-----	60,850.08	295,033.47	2,679.45
-----	77,477.29	-----	112,723.66	503,204.09	2,117.80
-----	6,616.20	-----	1,525.10	176,965.70	906.83
32,287.07	168,147.74	19,469.43	3,132.05	912,970.14	-----
-----	-----	-----	-----	-----	-----
-----	11,705.15	20,433.48	-----	212,240.24	-----
24,022.16	73,365.02	-----	-----	537,172.43	-----
-----	33,225.20	-----	20,857.63	307,582.72	-----
44,187.15	181,979.50	-----	-----	984,220.52	837.66
54,349.71	10,191.19	-----	204.95	254,490.20	-----
-----	-----	-----	-----	-----	-----
-----	3,082,558.78	447,462.64	162,765.43	8,546,976.58	-----
-----	33,158.76	-----	-----	339,857.90	-----
2,239.80	12,363.59	-----	-----	1,193.21	-----
-----	26,406.92	54,010.94	2,016.60	467,242.71	1,058.06
-----	102,342.22	-----	17,488.94	731,112.81	606.57
-----	-----	-----	-----	-----	-----
-----	64,510.23	-----	15,751.36	418,697.96	1,094.25
-----	21,002.70	-----	-----	274,435.52	-----
4,367.82	46,503.84	-----	17,623.71	400,028.06	127.91
83,552.64	29,475.66	-----	1,562.70	595,036.93	2,020.31
-----	1,786.39	-----	-----	96,420.20	1,366.35
2,757.82	58,335.68	-----	819.58	457,576.44	-----
\$ 575,313.20	\$ 4,839,443.31	\$ 704,305.05	\$ 575,271.72	\$ 23,217,487.16	\$ 31,020.61



TABLE XX  
Assessed Valuation and State Tax Levies of Oregon, 1891 to 1918, Inclusive

Year	Assessed Valuation	Amount of State Tax	Average State Tax Rate	Total State Tax, Biennial Periods	Average Rate for Biennial Periods
1891 (1890 roll)	\$ 114,077,788.00	\$ 495,423.51	.004343	\$ 1,253,924.50	.00487
1892 (1891 roll)	151,700,006.00	739,500.99	.005	1,844,627.80	.00585
1893 (1892 roll)	180,263,846.00	1,121,845.51	.0062	1,844,627.80	.00585
1894 (1893 roll)	188,088,905.00	722,782.29	.0038	1,144,536.19	.0039
1895 (1894 roll)	150,399,983.00	451,198.15	.003		
1896 (1895 roll)	144,446,326.00	683,338.04	.0048		
1897 (1896 roll)	143,176,971.00	572,707.88	.004		
1898 (1897 roll)	134,917,104.00	472,209.86	.0035	1,044,917.74	.00375
1899 (1898 roll)	133,533,577.00	761,141.39	.0057	1,518,923.52	.006
1900 (1899 roll)	120,282,879.00	757,782.13	.0063	1,591,487.78	.0061
1901 (1900 roll)	117,804,874.13	671,487.78	.0057		
1902 (1901 roll)	141,398,513.96	920,000.00	.006506		
1903 (1902 roll)	148,099,601.65	760,000.00	.005132		
1904 (1903 roll)	173,559,888.58	1,235,000.00	.007058	1,985,000.00	.006095
1905 (1904 roll)	188,058,281.11	1,025,000.00	.00545	1,650,000.00	.003735
1906 (1905 roll)	309,256,689.19	625,000.00	.002021		
1907 (1906 roll)	437,379,978.70	1,025,000.00	.002398	2,175,000.00	.0021875
1908 (1907 roll)	581,558,918.48	1,150,000.00	.001977		
1909 (1908 roll)	598,133,963.70	1,275,000.00	.002132	2,803,400.79	.002166
1910 (1909 roll)	694,727,631.90	1,528,400.79	.0022		
1911 (1910 roll)	844,887,087.74	1,385,615.84	.00164	4,449,431.59	.00254
1912 (1911 roll)	890,641,164.55	3,083,815.75	.00344		
1913 (1912 roll)	905,011,679.00	1,132,214.48	.00124	5,287,214.48	.0028025
1914 (1913 roll)	954,282,274.09	4,165,000.00	.004365		
1915 (1914 roll)	932,412,080.00	3,112,000.00	.003335		
1916 (1915 roll)	934,430,822.25	2,550,000.00	.00278	5,662,000.00	.003033
1917 (1916 roll)	878,763,344.71	2,699,250.00	.003071		
1918 (1917 roll)	923,605,570.36	2,856,205.00	.003076	5,555,455.00	.003074
1919 (1918 roll)	937,533,396.97	3,021,402.00	.003206		

## APPENDIX

PRELIMINARY REPORT OF THE COMMITTEE APPOINTED BY  
THE NATIONAL TAX ASSOCIATION TO PREPARE A  
PLAN OF A MODEL SYSTEM OF STATE  
AND LOCAL TAXATION

- I. Introduction.
- II. The principles upon which a model system of state and local taxation should be based.
- III. The proposed personal income tax.
- IV. The proposed property tax.
- V. The proposed business tax.
- VI. Summary of the proposed system of taxation.
- VII. Tax administration.
- VIII. The inheritance tax.
- IX. Taxes upon consumption.
- X. The separation of state and local revenues.
- XI. Amendment of state constitutions.

## I. INTRODUCTION.

Section 1. At the conference held at Atlanta in November, 1917, under the auspices of the National Tax Association, the committee appointed by the Association to prepare a plan for a model system of state and local taxation submitted its first report. The committee was able to announce that it had reached a general agreement concerning the principles upon which a uniform system of state and local taxation should be based, and expressed the opinion that, if further conferences of its members could be arranged, it would be possible to reach an agreement concerning the details of the proposed system. Following this report, the executive committee of the Tax Association authorized the holding of such a meeting, and accordingly the committee upon a model tax system met at Pass Christian, Mississippi, during the week extending from January 21 to January 27, 1918.

There were present at the meeting Messrs. Bullock, Galloway, Howe, Link, Lord, Page and Tabet, and also, by special invitation of the committee, Mr. A. E. Holcomb, the treasurer of the National Tax Association. Three members of the committee, Messrs. Adams, Mills and Rearick, were unable to attend the meeting; Messrs. Adams and Rearick because they were prevented by the pressure of other duties, and Captain Mills because he had gone to France. Messrs. Adams and Rearick, however, were fully informed about the progress of the committee's deliberations, and have lent their valuable criticism and counsel, so that the report now submitted has received the careful consideration of all the members of the committee except Captain Mills.

Following the meeting at Pass Christian, the chairman of the committee prepared a tentative draft of a report based upon the votes taken by the committee, and this draft was submitted in July to all the members of the committee except Captain Mills. After securing such criticisms and suggestions as the other members had to offer concerning the tentative draft, the chairman was able to prepare a report which is now

submitted, with the approval of all the members of the committee except Captain Mills, for the consideration of the twelfth annual conference of the National Tax Association.

Section 2. This report has been printed in advance of the holding of the conference, for the information of members of the Tax Association and delegates to the conference. It is submitted as a preliminary rather than a final report, and is offered with a view to furnishing the conference a basis for discussion.

The committee realizes that a general agreement upon any plan for a model system of taxation can be reached, if at all, only after mature consideration by all interested in the work of the National Tax Association, and believes that no attempt should be made to reach a decision this year. We are, therefore, submitting this report for the considerate judgment of the conference in the hope and expectation of deriving great assistance from such discussion and criticism as it will there receive. If the conclusions we have reached command sufficient approval, it will then be possible for this committee, or some other appointed for the purpose, to prepare in the following year what may be considered a final report. This is a matter in which haste is both unnecessary and undesirable, and one in which success can result only from a general consensus of opinion reached after the fullest and maturest deliberation.

Section 3. In further explanation, we desire to point out that the present report deals only with the general principles upon which a model system of taxation may be constructed and with the general framework of such a system. Even if all necessary details had been fully worked out, it would have been undesirable to present them now, since they would inevitably have tended, to some extent, to divert attention from the fundamentals of the plan. But all the details have not been worked out, and could not be within the time the committee has had at its disposal. We have found that, even if the plan in its general outlines is approved, there will remain numerous matters that will require further consideration, some of them by committees having technical qualifications which the members of the present committee do not possess. We have, therefore, not attempted to deal with such subjects, and have recommended to the executive committee of the National Tax Association the appointment of several special committees to report upon these questions. A model system of state and local taxation can not be devised in a single year, and we are, therefore, attempting in the present report to provide only a foundation upon which future work can be based. We believe, however, that, if such a foundation can be laid, the work that remains will be greatly facilitated and the completion of the structure need not be long deferred.

## II. THE PRINCIPLES UPON WHICH A MODEL SYSTEM OF STATE AND LOCAL TAXATION SHOULD BE BASED.

Section 4. Whatever other purposes taxation may properly have, its fundamental purpose is to provide revenue which, it will be agreed, ought to be raised as equally, certainly, conveniently and economically as possible. Until this fundamental purpose is achieved, and the American states are today very far from accomplishing it, we shall hardly find it worth while to consider what other purposes taxation may properly have. Therefore, the committee has confined itself to the one problem of immediate practical importance, which is that of devising methods by which the large revenues now required by American state and local governments may be raised with the greatest practicable degree of equality, certainty, convenience and economy.

Section 5. Any proposed system of state and local taxation must, at the very outset, recognize certain existing conditions and conform to cer-

tain practical requirements before it can be seriously considered as a basis for legislation. These conditions and requirements the committee has had constantly in mind. They may be stated briefly as follows:

A. The proposed system must yield the large revenues which our state and local governments require at the present time.

B. It must be practicable from an administrative standpoint, that is, it must be capable of being administered by such means and agencies as the states have at their command and can reasonably be expected to provide.

C. It must be adapted to a country with a federal form of government, and to this end must reconcile the diverse claims of our several states, which now conflict at many points thereby producing unjust multiple taxation and disregard of interstate comity.

D. It must respect existing constitutional limitations, federal and state, or else point to practicable methods of constitutional amendment.

E. It must represent as nearly as possible a general consensus of opinion, and to this end must give careful consideration to the most influential body of opinion developed and formulated by the National Tax Association.

F. It must not propose measures wholly foreign to American experience and contrary to the ideas of the American people.

Section 6. Study of the tax laws of the American states reveals the fact that there are three fundamental principles which have been more or less clearly recognized by our lawmakers, and have very largely determined the provisions of the enactments now standing on the statute books.

The first is the principle that every person having taxability should pay some sort of a direct personal tax to the government under which he is domiciled and from which he receives the personal benefits that government confers. This is most clearly exemplified by the laws providing for the taxation of securities and credits which represent in large part interests in tangible property and business located in other jurisdictions. In spite of the fact that such laws may lead to unjust double taxation, most of the states have insisted upon taxing evidences of ownership, upon the theory that the owners are within their jurisdiction and receive from them certain personal benefits which justify the imposition of a tax. State income tax laws usually proceed upon a similar principle; and the same may be said of the poll tax, which is still found in many of the commonwealths.

The second principle is that tangible property, by whomsoever owned, should be taxed by the jurisdiction in which it is located, because it there receives protection and other governmental benefits and services. That the owner is frequently a non-resident is not considered a material fact, because the property must be protected where it is located, and, if employed in trade, comes in competition with similar property of residents. This principle, furthermore, has received the sanction of the Supreme Court of the United States in cases which have developed the rule that tangible property is taxable in the jurisdiction within which it is located, and not elsewhere.<sup>1</sup>

The third principle, somewhat less clearly and generally exemplified by our tax laws but discernible none the less, is that business carried on for profit in any locality should be taxed for the benefits it receives. If the owners of the business are residents of the state, this principle need not be appealed to, since the ordinary methods of taxation may be considered to provide for such a case. If a considerable amount of real estate and other tangible property is employed in a business conducted for the account of non-residents, again no appeal may be made to this

<sup>1</sup> See, for instance, *Union Refrigerator Transit Co. v. Kentucky*, 199 U. S. 194.

principle, since here too the ordinary methods of taxation may be considered adequate. But if the owners are non-residents, and the business, though very profitable, employs little or no property subject to taxation in the locality, the states, to an increasing degree, demand that some method shall be devised for reaching such business enterprises. This tendency is exemplified in the taxation of corporate franchises in California and some other states, in the taxes imposed on incomes in Wisconsin and some other commonwealths, and in such laws as that enacted by Louisiana taxing non-residents upon credits arising from business done within that state. It finds, further, an even more general expression in the numerous business taxes, usually in the form of licenses, which are found in many states, particularly in the south.

Whatever one may think of any or all of these principles, the fact remains that they undoubtedly represent hard facts which any new system of taxation must take into account. That they are not in many cases logically and consistently applied, admits of no doubt; that they sometimes lead to confusion and involve unjust double taxation and disregard of interstate comity, can not be questioned. But the committee believes that there is merit in each of these principles, even though they have been frequently misapplied; and is satisfied that the laws in which the principles are embodied will not be changed except to give place to statutes that provide fairer and more logical methods of carrying the principles into effect.

The problems we here encounter have not arisen by chance, or as a result of mere ignorance and inexperience. They result from claims which the states assert in pursuance of what they consider their legitimate interests in the vitally important matter of taxation. At this point, indeed, we get to the very heart of the most difficult problem encountered in devising a logical plan of taxation in a country having a federal form of government, that is, the adjustment of the conflicting claims of independent taxing authorities. The committee, therefore, has determined to make this problem its chief point of attack upon the entire subject referred to its consideration.

Section 7. Mature reflection has brought the committee to the conclusion that the conflicts of jurisdiction and other evils resulting from tax laws based upon the foregoing principles have not been due to inherent defects of the principles themselves, but have arisen from the illogical and inconsistent methods by which the principles have frequently been applied. That every person should pay a direct tax to the government under which he lives, appears to us perfectly reasonable and just; that tangible property should be taxed where located, is both reasonable and in every way expedient; and that business may properly be taxed in any jurisdiction where it is carried on, seems to admit of no serious doubt. Moreover, we find in the tax laws of other countries many examples of explicit recognition of all of these principles; so that we must conclude that both reason and experience confirm the underlying theories upon which the American states have based these provisions of their tax laws.

The trouble has been that the states have not applied logically and consistently the principles upon which they have undertaken to act. Under the system of the general property tax, it was practically impossible for them to do so. They naturally and properly taxed tangible property within their jurisdictions on the theory that such property ought to be taxed at its situs, and then they sought to tax intangible property representing interests in tangible property already taxed elsewhere, on the theory that such intangible property ought to be taxed at the domicile of the owner. By so doing, they imposed but one tax on property owned by persons residing in the state where the property was situated, and

imposed two taxes upon a great deal of property the interests in which were represented by securities owned by persons whose domiciles were not in the state where the tangible property had its situs.<sup>2</sup> In each case the underlying theory was sound, but the method of application resulted in unjust double taxation of interstate investments. The only solution under the general property tax would be an agreement between states by which one tax would be levied, presumably at the situs of the property, and the proceeds thereof would be divided in equitable proportions between the state where the property had its situs and that in which the owner was domiciled. But such an agreement, besides presenting administrative difficulties, would have been practically impossible to secure; and therefore unjust double taxation has been tolerated because the only practicable alternative seemed to be the surrender of a claim which was in itself just.

In the attempts of the states to make property or income taxes apply to all kinds of business carried on within their jurisdiction, similar conditions obtain. Assuming that all such business ought to be taxed, it is nevertheless true that it ought not to be taxed by a method which imposes two taxes upon some enterprises and only one tax upon others. The states of domicile naturally decline to forego all their claims with respect to the property or income concerned, because they hold that the owners or recipients have an obligation to the governments under which they live; the states where the business is carried on with equal propriety assert their right to tax, and the result is unjust double taxation. The underlying theories of taxation are correct in both cases, but the method of application is seriously defective.

Section 8. It is the opinion of the committee that the only method of reconciling these conflicting claims of the states is the adoption of a diversified system of taxation which recognizes fully the three principles above mentioned and provides a method by which, without formal agreement among the states, these principles may be logically and consistently applied. We propose, therefore, a personal tax which shall be levied consistently upon the principle of taxing every one at his place of domicile for the support of the government under which he lives; a property tax upon tangible property, levied objectively where such property has its situs and without regard to ownership or personal conditions; and finally, for such states as desire to tax business, a business tax which shall be levied upon all business carried on within the jurisdiction of the authority levying such tax. By this method we believe it is possible to satisfy every legitimate claim of every state without imposing unequal and unjust double taxation upon any class of income, property, or business. We propose, in other words, nothing more than to ask the states to apply logically and consistently the principles that today underlie the greater part of their tax laws. By so doing we are recommending action along the line of least resistance, and for our proposals we find many precedents in the legislation of this and of other countries.

Section 9. Such a diversified system of taxation as we recommend will not only reconcile the conflicting claims of the states, it will also facilitate greatly a proper classification of the objects upon which taxation falls. One of the greatest evils of the general property tax has been that it has been levied upon different classes of property without regard to differences in the nature and taxable ability of such classes, or to the different degrees in which they benefit from public expenditure. This is a commonplace to all students of the subject, and is sufficiently set

<sup>2</sup> Double taxation sometimes occurs, of course, when the persons having an interest in the property live in the state where it is situated, as in the case of mortgages and corporation bonds. No attempt is made at this point to consider all possible cases of unjust double taxation, although the plan we propose provides a remedy for them.

forth in the publications of the National Tax Association. The Association has long been committed to the proper classification of the subjects of taxation, and the conferences held under its auspices have repeatedly endorsed the principle of classification. So far, indeed, as the principle is concerned, we believe that a general agreement upon this point may be taken for granted, and that the only profitable topic for discussion is, and for some time has been, that of the proper method of classification. We find it unnecessary, therefore, to dwell further upon the need of classifying the subjects of taxation.

It is important, however, to point out that the plan we recommend goes far toward securing a proper classification of the subjects of taxation. The personal income tax will reach every kind of taxable income, and will make it unnecessary to attempt to levy any tax upon intangible property, thus eliminating the most serious difficulty connected with property taxation. The property tax will be applicable to every form of tangible property that any state wishes to tax; and admits of being levied upon such property uniformly, or of being levied under a proper classification such as we shall hereafter suggest. And finally, the business tax, since it will be levied purely as a business tax and not as a part of a personal income tax or a property tax, can be readily adjusted in such a manner as the needs of business and the situation of every state may require.

Section 10. The plan which the committee recommends is, therefore, fundamentally a plan intended to reconcile the conflicting interests of the states, and to facilitate the proper classification of the subjects of taxation. It involves nothing new in principle, and merely requires the logical application of principles already recognized by the tax laws of many states. It will bring about a full and adequate taxation of income, property, and business, and will produce as much revenue as the state and local government can expect to derive from these sources. Finally, it encounters no insuperable constitutional difficulties, and certainly will require no more changes in state constitutions than any other plan that would be adequate to the needs of the case.

### III. THE PROPOSED PERSONAL INCOME TAX

Section 11. The first decision reached by the committee was that in the proposed model system of state and local taxation there should be a personal tax levied with the exclusive view of carrying out the principle that every person having taxable ability should pay a direct tax to the government under which he is domiciled. There appeared to be four forms of personal taxation which have been employed for this purpose.

The first of these is the poll tax. It is evident, however, from the nature of the case that this tax would be utterly inadequate to accomplish the object in view, even if levied at graduated rates, as has sometimes been done in other countries. It would be so unequal and so far inferior to the other forms of personal taxation that it can not be deemed worthy of serious consideration. Whether, as a supplement to an adequate system of personal taxation, it might be desirable to retain the poll tax as a means of insuring some contribution from people owning no property and having small incomes, the committee preferred not to consider in this report. It has been our desire to confine ourselves to main issues, and not to undertake to solve every minor problem of taxation. We, therefore, say nothing about the poll tax, except that it is inadequate for the purpose that we have in view, and can not be recommended as an important element in any system of state and local taxation.

The second method of imposing the personal tax would be to levy a tax upon every man's net fortune, that is, upon the total of his assets in excess of his liabilities, without exemption of any kind of asset or

exclusion of any liability. This would mean a general property tax, but a net property tax such as is found in some countries in Europe. It would be a tax levied not upon property as such, but upon net fortune as a measure of the citizen's personal liability to contribute to the government under which he is domiciled. It would be entirely distinct from any tax that might be levied objectively upon property, as property, at the place of its situs, and would have to be levied exclusively upon the property owner at his place of domicile. It would necessarily be levied at a moderate rate, perhaps \$3.00 per \$1,000.00, which would correspond approximately to a six-per cent income tax upon investments yielding five per cent. Although precedents may be found in other countries for such a personal tax levied upon net fortunes, the committee has concluded that it is not to be recommended for adoption in the United States. Such a tax would raise the difficult constitutional question of the right of a state to levy a tax even upon the *net* fortune of a citizen if that fortune included tangible property located in another commonwealth. It is, furthermore, foreign to American experience, and would certainly not lead us along the line of least resistance. Since the coming of the federal income tax, it is obvious that it is easier for the states, and more convenient for the taxpayers, to adopt income rather than net fortune as the measure of the obligation of the citizen to contribute to the government under which he lives.

The third method of personal taxation is what may be called a presumptive income tax, that is, a tax levied upon persons according to certain external indicia which are taken to be satisfactory measures of taxable ability. House rent is the index commonly used in such presumptive income taxes, and a tax on rentals has been proposed in times past by special commissions in Massachusetts and New York. Such a tax would be comparatively easy to administer, and would raise no difficult constitutional questions. It would undoubtedly be better than an income tax or a tax on net fortunes if those taxes were badly administered. But the amount that a citizen pays for house rent is after all such a very imperfect and inadequate indication of his income or fortune that the committee is unwilling to recommend it to any state in which there is any reasonable expectation that conditions are, or may presently become, favorable for the introduction of a better form of personal tax. It appears that in France, where the tax on rentals has been in continuous operation since the Revolution, there is so little correspondence between house rents and taxable ability that in the greater part of the communes the taxing officials disregard to a greater or less extent the letter of the law, and assess people according to what they appear able to pay. The committee finds, therefore, that the tax on rentals is not to be recommended except, perhaps, as a last resort in states where administrative and other conditions are unfavorable to the introduction of any better form of personal taxation.

There remains a fourth form of personal taxation, the personal income tax. By this is meant a tax levied upon persons with respect to their incomes which are taxed not objectively as incomes but as elements determining the taxable ability of the persons who receive them. This tax is better fitted than any other to carry out the principle that every person having taxable ability shall make a reasonable contribution to the support of the government under which he lives. It is as fair in principle as any tax can be; under proper conditions, it can be well administered by an American state, as Wisconsin and Massachusetts have proved; it is a form of taxation which meets popular favor at the present time, and therefore seems to offer the line of least resistance. The committee, therefore, is of the opinion that a personal income tax is the best method of enforcing the personal obligation of the citizen for the support of the government under which he lives, and recommends it as a constituent part of a model system of state and local taxation.



Section 12. While it is impossible in this report to describe the proposed taxes in every detail, it is essential that the committee should explain at least in broad outlines the manner in which these taxes should be levied. In so doing it will be necessary to refer constantly to the general principles previously stated, and to adjust the details of each tax in such a manner as to enable it to carry into effect logically and consistently the principle upon which it is based.

Since the purpose of the personal income tax is to enforce the obligation of every citizen to the government under which he is domiciled, it is obvious that this tax must be levied only upon persons and in the states where they are domiciled. It is contrary to the theory of the tax that it should apply to the income from any business as such, or apply to the income of any property as such. The tax should be levied upon persons in respect of their entire net incomes, and should be collected only from persons and at places where they are domiciled. It should not be collected from business concerns, either incorporated or unincorporated, since such action would defeat the very purpose of the tax.

At first this proposal will doubtless seem objectionable to many, who will ask why a state should not tax all incomes derived from business or property located within its jurisdiction, irrespective of whether the recipients are residents or nonresidents. And if the personal income tax were the only one proposed, the objection would be well grounded. The committee, however, is under the necessity of reconciling the conflicting claims of the states, and of doing so in a manner that will avoid unjust double and triple taxation of interstate business and investments. We, therefore, propose as the only practicable remedy a system which comprises three taxes, each of which is designed to satisfy fully and fairly the legitimate claims of our several states. We are elsewhere providing methods by which property will be taxed where located and business will be taxed where it is carried on. At this point, we are dealing exclusively with a personal tax designed to enforce the right of our states to tax all persons domiciled within their jurisdictions; and we are merely insisting that, in enforcing this claim, the states shall act consistently, and shall confine personal taxation to persons and attempt to levy it only at the place of domicile. If the personal income tax is levied in any other way, it will simply reproduce and perpetuate the old evil of unjust double taxation of interstate property and interstate business.

The second detailed recommendation we have to make is that the personal income tax shall be levied in respect of the citizen's entire income from all sources. Under existing constitutional limitations, of course, interest upon the bonds of the United States and the salaries of federal officials can not be taxed by the states, but we recommend that all other sources of income be subject to the income tax without exception or qualification. We are aware that, under the unreasonable and unworkable requirements of the general property tax, it has appeared desirable in times past to exempt state and local bonds from taxation, to exempt real estate mortgages, and to grant various other exemptions. All such exemptions are inconsistent with the theory of the tax we here propose, and should be discontinued as rapidly as the circumstances of each case permit. Against the policy which led to these exemptions under the general property tax we here offer no criticism. But we are now dealing with a tax which is designed to be a part of a new system of taxation, and it is evident that none of the considerations which led to the exemptions created under the general property tax are applicable to a personal income tax levied upon the principal we here advocate. The personal obligation of the citizen to contribute to the support of the government under which he lives should not be affected by the form his investments take, and to exempt any form of investment can only bring

about an unequal, and therefore an unjust distribution of this tax. Our reasoning applies, of course, to the exemption which agencies of the federal government now enjoy. But that is a matter which is beyond the control of the states, and for the purposes of this report it will be considered a fixed datum which must be accepted.<sup>3</sup>

Our third specific recommendation is that the personal income tax should be levied upon net income defined substantially as a good accountant would determine it. We submit no formal definition at this time, and content ourselves with referring to the provisions of the Wisconsin and Massachusetts income taxes. Our recommendation means that operating expenses and interest on indebtedness must be deducted, but we wish to call attention to the fact that the issue by the federal government of large amounts of bonds which are exempt from local taxation will make it necessary for the states to limit the interest deduction to an amount proportional to the income which the taxpayer derives from taxable sources. This would mean that if a person derives half of his income from taxable sources and one-half from tax-exempt federal bonds, he should be permitted to deduct but one-half of the interest that he pays upon his indebtedness. Any other procedure will tend to make the personal income tax a farce in many cases and will give occasion for legitimate complaint.

The fourth recommendation relates to the exemption of small incomes. The committee believes that the amount of income exempted from the personal income tax should not exceed \$600.00 for a single person and \$1,200.00 for a husband and wife, with a further exemption of \$200.00 for each dependent up to a number not to exceed three. This would give us a maximum exemption of \$1,800.00 for a family consisting of husband, wife, and three children or other dependents. We recognize, however, that conditions may well differ in various states, and have decided to make no specific recommendations about the amount of the exemptions granted to persons having small incomes. We limit ourselves to the above statement of the maximum exemptions that should be granted and the further observations that, under a democratic form of government, it is desirable to exempt as few people as possible from the necessity of making a direct personal contribution toward support of the state.<sup>4</sup>

Our fifth recommendation is that the rate of the income tax shall be the same for all kinds of income, that is, that it shall not be differentiated according to the sources from which income is derived. If the tax stood by itself, a strong argument could be made for imposing a higher rate upon funded than upon unfunded incomes. But the tax is, in fact, designed to be part of a system of taxation in which there will be a tax upon tangible property. Under this system there will be heavier taxation of the sources from which funded incomes are derived; and there will, therefore, be little if any ground for attempting to differentiate the rates of the personal income tax. Such differentiation, furthermore, would greatly complicate the administration of the tax, and would lead to numerous difficulties. Upon all accounts, therefore, we recommend that there shall be no differentiation of the rate.

In the sixth place, we recommend that the rates of taxation shall be progressive, the progression depending upon the amount of the tax-

<sup>3</sup> We here follow the view that has long prevailed concerning existing restrictions on the taxing power of the states. In two recent cases (*Peck v. Lowe* and *U. S. Glue Co. v. Oak Creek*, 217 U. S.) the court has developed a doctrine which may justify the belief that a net income tax, levied upon state officials along with all other persons, with respect to their entire net incomes, might not be held to be a tax upon agencies of the federal government, and therefore forbidden by federal decisions.

<sup>4</sup> For administrative convenience we recommend that, in order to minimize the number of very small tax bills, no person liable to pay an income tax shall be assessed for less than \$1.00.

payer's net income. Concerning the precise schedule of rates, we offer certain general recommendations. The lowest rate should not be less than one per cent, and under present conditions we regard it as inexpedient for any state to impose a rate higher than six per cent. The classes of taxable income to which the various rates apply need not be smaller than \$1,000.00, and probably should not be larger. It results from what has been said that if the exemption to a single person be placed at \$600.00 we would recommend a tax of one per cent upon any amount of income between \$600.00 and \$1,600.00; a tax of two per cent upon any amount of income between \$1,600.00 and \$2,600.00; a tax of three per cent upon any amount of income between \$2,600.00 and \$3,600.00; a tax of four per cent upon any amount of income between \$3,600.00 and \$4,600.00; a tax of five per cent upon any amount of income between \$4,600.00 and \$5,600.00; and a tax of six per cent upon all income in excess of \$5,600.00. We present these figures merely for the purpose of illustrating our preferences, and make no definite recommendation except that the rates of the personal income tax should be moderate, and should be, as nearly as practicable, uniform throughout the United States.

Our seventh suggestion concerns the administration of the proposed tax. No argument can be needed by the National Tax Association to support our recommendation that the administration of the personal income tax should be placed in the hands of state officials. This we regard as an indispensable condition for the successful operation of any state income tax, and we should be disinclined to recommend the adoption of an income tax by any commonwealth that is unwilling to turn over its administration to a well organized and properly equipped state department. Local administration of an income tax has never worked well, and in our opinion, never can operate satisfactorily. It is obvious, finally, that a state tax commission, or commissioner, is the proper agent to administer the proposed tax; and we desire to record our belief that satisfactory results are hardly to be expected if the administration is turned over to any other state officials. Upon this whole question of administration, which is of the most vital importance, we are fortunate in being able to rely upon the authority of the opinions repeatedly expressed by the conferences of the National Tax Association. We are glad also to point to the experience of Wisconsin and Massachusetts.

Our eighth recommendation is that the personal income tax be collected from taxpayers, upon the basis of strictly enforced and controlled returns, and without any attempt to collect it at the source. Upon this point there might have been doubt several years ago. But the experience of Wisconsin and Massachusetts shows conclusively that, with good administration, a reasonable tax upon incomes can be collected in the manner we have recommended, with the general cooperation of the taxpayers and with the minimum amount of evasion. Collection at source presents serious administrative difficulties, imposes unwarranted burdens upon third parties in respect of transactions which strictly concern only the taxpayers and the government, and not infrequently tends to shift the burden of the tax to the wrong shoulders. What we seek is a personal tax which shall not be shifted and shall bring home to the taxpayer, in the most direct possible form, his personal obligation for the support of the government under which he lives. Collection at the source is plainly inconsistent with the purpose of such a tax. We recommend, however, that in certain cases information at the source be required as is now done under the Massachusetts and Wisconsin income taxes. Such information is helpful to the administrative officials, and does not alter the incidence or otherwise affect injuriously the operation of a personal income tax.

Section 13. The only remaining point is that of the proper disposition of the proceeds of this tax. So far as our general plan of taxation

is concerned, it is immaterial whether the revenue from the personal income tax is retained in the state treasury, distributed to the local political units, or divided between the state and local governments. It is probable, furthermore, that the same solution may not be advisable in every state. If the state should keep the entire revenue, then every section of the state would benefit to the extent that such revenue might reduce the direct state tax. Upon the other hand, if the revenue from the income tax is distributed wholly to the local units, as is now the case in Massachusetts, the lightening of local burdens tends to reduce the pressure of the direct state tax. It seems probable that in most cases a division of the revenue would be considered preferable; and in such cases we suggest that the state governments might well retain a proportion corresponding to the proportion which state expenditures bear to the total of the state and local expenditures, and that the same principle should apply in determining the share received by each of the subordinate political units. Thus in case state expenditures amount to one-fifth of the total, county expenditures to two-fifths, and municipal expenditures to two-fifths, the state should receive one-fifth of the revenue from the income tax, the counties two-fifths, and the municipalities two-fifths. Whether distribution to the local units should be made upon this basis of the amount of tax collected in each unit, or whether the tax should be distributed upon some other basis, is also immaterial to our general plan of taxation. In states where domiciliary changes occurring under the general property tax have not produced an unnatural concentration of wealth in certain localities, it will probably be best to distribute the revenue according to the domicile of the taxpayers. But where, as in Massachusetts, under the operation of the general property tax, wealth has been greatly concentrated in a few localities, such a method of distribution is obviously impossible, and some other method must be found. In such a case, the income tax revenue might be utilized for a state school fund, or might be distributed among the localities according to the proportions in which they are required to contribute to the direct state tax. Since this entire question of distribution must be so largely affected by local conditions, the committee prefers to do no more than to offer these general suggestions.

#### IV. THE PROPOSED PROPERTY TAX

Section 14. The second part of the tax system proposed by the committee is a tax upon tangible property, levied exclusively at the place where such property is located. By this means the several states will be able to satisfy adequately and fairly their just claims in respect of property enjoying protection and other benefits under their laws.

Concerning this tax, it will be observed, we recommend that it be confined to tangible property, and that intangible property of all descriptions be exempt from taxation as property. All attempts to reach such property under the general property tax have in the past proved failures, and in our opinion, with the rates of taxation now prevailing in the several states, will always fail to accomplish the desired end. Moreover, they necessarily involve a large amount of unjust multiple taxation which we can see no way of avoiding under the property tax.<sup>5</sup> We believe that the personal income tax which we have already recommended will reach income from intangible property fully and fairly at the

<sup>5</sup>As an illustration of this we may refer to the vast amount of litigation, uncertainty, and injustice resulting from the attempt to fix the *situs* of intangible property and from the recognition of a so-called "business situs" for intangible property which inevitably brings about unjust double taxation. This subject will be further alluded to in our discussion of the business tax which we think should remove the cause of this difficulty.

only place where it can be taxed without running the risk of unjust double taxation, that is, at the domicile of the recipient. With this provision made for deriving a fair revenue from intangible property, it is obviously undesirable that the states should continue to tax it as property, and we therefore recommend that, under the proposed system, property taxation be confined exclusively to tangible property.

Section 15. Whether tangible property should be taxed at a uniform rate or should be classified for taxation, is a question that requires careful consideration and one concerning which there may be difference of opinion. It is the judgment of the committee, however, that a distinction should be drawn at least between real estate and tangible personal property, and that the latter should receive a separate classification. The reasons for this conclusion are, in the first place, the difficulty of enforcing strictly a tax upon many kinds of tangible personal property at the high rates of taxation which under present conditions our states commonly impose and must continue to levy upon real estate. Tangible personalty can be moved from one jurisdiction to another, and it frequently is removed if taxation is considered excessive. Moreover, it does not occasion so much government expenditure as real estate, and does not benefit from many kinds of local expenditure to the same degree as the latter. Our opinion is confirmed by the fact that in a state like Wisconsin an efficient state tax commission, clothed with all necessary authority, has become so impressed with the difficulty of taxing tangible personalty at the same rate as real estate that it has recommended the total exemption of this class of property. Where the general rate of taxation is low, the difficulties attending the taxation of tangible personal property may be less serious; but, at the commonly prevailing rates of \$1.50 or \$2.00 per \$100.00, we believe that strict enforcement of a tax upon tangible personalty will continue to be found most difficult and even impossible.

In our opinion, the rate of taxation upon tangible personal property should not exceed \$1.00 per \$100.00. At that rate it is probable that, with suitable provision for enforcement, the tax will yield not less than is now collected at the higher rates usually applied to property in general, and may even yield something more. Experience may show that even a lower rate, perhaps \$0.80 per \$100.00, may be preferable; only experience can determine this point. For the present, we content ourselves with recommending a separate classification for tangible personalty with a maximum rate of \$1.00 per \$100.00.<sup>6</sup>

It is sometimes suggested that the remedy for excessive rates of taxation upon tangible personalty is not a separate classification for such property but effective provision for a full valuation of all property. With such full valuation, it is thought, the rate of taxation upon all property, real and personal, will be reduced to some such figure as is here recommended for tangible personalty. In a few states, like West Virginia and Kansas, this result was actually secured some years ago by thoroughgoing revaluations; but, with the present high level of public expenditure, it can not be attained in the average American state, and today is hardly to be expected anywhere. We therefore see no practicable course except to recommend a separate classification for tangible personalty, and this we do in order to make our tax laws enforceable and to create conditions under which all taxable property shall be valued strictly in accordance with law.

Section 16. At this point it should be remarked that the imposition of a *classified* tax on tangible personal property is not a vital feature of the general plan which we recommend. Under our proposed system

<sup>6</sup> In the opinion of the committee, it is desirable to exempt from taxation a certain minimum amount of tangible personal property, perhaps some such figures as \$200.00 for an individual and \$400.00 for a family.

any state desiring to do so could continue to tax tangible personalty at the same rate as real estate without violating any rule of interstate comity or defeating the general purpose of our plan. We are here dealing with a subject of taxation which lies wholly within the jurisdiction of the state levying the tax, and no unjust or inconsistent result will develop if certain states continue to tax tangible personalty in the same manner as real estate. It should also be pointed out that our general plan would not be affected at any vital point if some states, like Wisconsin and New York should prefer to exempt tangible personalty from all taxation. Here, again, it would be wholly a question of what a state might prefer to do with subjects of taxation lying within its exclusive jurisdiction. It is true that uniformity in methods of dealing with tangible personal property is desirable, and diversity will produce certain inconveniences and difficulties; but these, although undesirable, will not be so vital as to jeopardize the success of our plan, and will not involve any questions of interstate comity.

Section 17. The next recommendation we make is that uniformity in the methods of taxing tangible personal property is extremely desirable, and that every possible effort should be made to this end. A uniform tax date throughout each state, and even throughout the United States, is obviously to be desired. Uniform methods of valuation can in many cases be worked out. Our committee has not the information needed to enable us to make definite recommendations along these lines, but believes that practical results can be readily secured by committees of tax officials appointed by the National Tax Association.

Section 18. Our next observation concerning the taxation of tangible property is that effective administration is indispensable. Under purely local administration there never has been, and probably never will be, a satisfactory assessment except here and there in a few progressive localities. The primary work of assessment will, of course, continue to be done by local authorities; but it is essential that such work should be supervised, and where necessary controlled, by a competent state tax commission or tax commissioner. To this subject we shall hereafter recur.

Section 19. In the taxation of property under the plan proposed, certain special problems will be encountered. Public service corporations, for example, are now frequently taxed by methods different from those applied to other classes of property, and must doubtless continue to be so taxed. Our plan, strictly applied, would require that only the tangible property of such corporation should be subject to taxation, and that the taxation of gross receipts and the *ad valorem* taxation of corporations as going concerns should be abandoned. But such radical changes are not necessary, provided that existing methods are adapted to the general plan of taxation here outlined and certain adjustments are made in connection with the business tax which we herewith recommend. Uniformity of method, as we all know, is not necessary in order to secure substantial equality in taxation, and all that can be required of any proposed system is that it shall produce substantial equality in its net results.

We, therefore, do not recommend that either the taxation of gross receipts or the *ad valorem* taxation of public service corporations as going concerns shall be discontinued wherever these methods are in successful operation. But we are obliged to point out that in many, and perhaps most, cases the amount of such taxation should be reduced or else that relief should be given to public service corporations in connection with the business tax. When public service corporations are assessed as going concerns, it is evident that they are more heavily taxed than other business enterprises which are subject to taxation merely upon their property, considered as property, and without reference to their value as going concerns. When a corporate-excess tax is applied to all corporations, equality may then be secured between public service corpora-

tions and other incorporated companies; but it is evident that unincorporated concerns escape with a lighter tax than successful corporations are required to pay.

It seems clear to the committee that when public service corporations are assessed under an *ad valorem* system as going concerns, while other kinds of business are not, they are today discriminated against, and will be under our proposed system unless relief is given at some other point. The system we propose enables us to recommend such relief. We propose that, in addition to the personal income tax and to the tax upon tangible property, there shall be a business tax as hereafter outlined. Wherever public service or other corporations may continue to be taxed as going concerns by a method which involves the taxation of what is commonly called the corporate excess, or the good will, of such companies, we recommend either that they be wholly relieved of the business tax, or that the rate of such tax be reduced to a figure that will fairly offset the extra burden of taxation imposed upon them by the property tax.

In the taxation of gross receipts a similar adjustment is necessary wherever such taxation is in lieu of, and is substantially equivalent to, the taxation that would otherwise be imposed under an *ad valorem* tax upon corporations as going concerns. Concerning the comparative merits of the tax on gross receipts and *ad valorem* taxation, it is unnecessary for us to express any opinion. We should probably be disinclined to recommend a change in the taxes on gross receipts now levied by such states as Minnesota, California, or Connecticut; and we should be equally disinclined to recommend a change in the *ad valorem* system now in successful operation in a state like Wisconsin. Diversity of method is not inconsistent with real equality in taxation, and at this point we content ourselves with a mere expression of our approval of the conclusions reached some years ago by the committee appointed by the National Tax Association to consider the Taxation of Public Service Corporations.<sup>7</sup>

The recommendations which we make concerning public service corporations are equally applicable to other classes of incorporated companies. Our proposed system uniformly applied would require that stockholders and bondholders pay a personal income tax upon their interest and dividends, that the corporation be taxed upon its tangible property, and that finally the corporation pay a business tax in any locality where its operations are carried on. But it will not be inconsistent with the general plan if particular states prefer to continue other methods of taxing the property of corporations, provided that they make the adjustment we have recommended in connection with the business tax. It would merely serve to divert attention from the general plan we recommend if we undertook at this time a detailed examination of the merits and demerits of the various methods now employed in the taxation of business corporations.

Section 20. In the taxation of national banks a special complication arises on account of the limitations imposed by the federal statute which now controls the taxation of shares of the capital stock of these institutions. The result, as we all know, is that at present the states are confined to the taxation of all banks, state and national, by a single method, and that, without further enabling legislation, it is impossible to apply the personal income tax to the dividends received by owners of national bank stock. It is also a fact that, when bank shares are taxed upon their full value at the prevailing local rates of taxation, they are taxed more heavily than most other classes of property under the property tax. The solution of the difficulty is not easy to find, and the committee has not attempted to provide one. For the purpose of this

<sup>7</sup> Proceedings of the National Tax Association, VII, 372-383.

report, we prefer to call attention to the situation, and to recommend that the National Tax Association appoint a special committee to work out a plan of taxing banking institutions in a manner consistent with the general scheme of taxation here outlined.

Section 21. Mines and other mineral properties also present peculiar difficulties arising from the nature of the mining business. In the time at its disposal, the committee has been unable to consider, except in a general way, the subject of the taxation of mines, and only a few of its members are qualified to deal with the subject. We are agreed that mines should pay, under whatever method may be adopted, a tax commensurate with that paid by other real estate in the same taxing district. But further than this we are unable to go at this time. In view of the peculiar nature of the industry, we are of the opinion that the subject of mining taxation should be considered by a special committee appointed by the National Tax Association, and we so recommend.<sup>8</sup>

Section 22. Forests as well as mines present peculiar problems which seem to us to need consideration by a committee possessing special qualifications for the task. We are of the opinion that no special favors should be extended to owners of forest lands; but we are impressed by the fact that many students of the subject are of the opinion that an annual property tax discriminates against forest properties, and discourages the adoption of rational forestry practice. We are unwilling to express any opinion upon this subject; and we therefore recommend that the National Tax Association appoint a special committee to investigate the subject of the taxation of forests.

These are the principal problems to which the committee desires to call attention. Doubtless there are others, connected with the taxation of ships, of machinery, and perhaps of merchandise, which may well require further study by special committees; but concerning them we make no recommendations at this time.

## V. THE PROPOSED BUSINESS TAX

Section 23. If it had been possible to reconcile in a satisfactory manner the legitimate claims of the several states of the American Union without recommending, in addition to the income and property taxes, a separate tax upon business, the committee would have preferred to do so. But we find that many states are now levying what are in name or in fact business taxes, upon the theory that they have a right to levy taxes upon business done within their jurisdiction. This claim appears to us to be reasonable, and we find no other method of satisfying it that is consistent with interstate comity, except that of levying a properly constituted business tax as a part of the proposed system. Perhaps the decisive consideration in the minds of the committee is that the income taxes which are now being introduced in a number of the states generally combine the idea of personal with that of business taxation in a manner which, if it continues and is extended, will necessarily result in a large amount of unjust double taxation. These income taxes are imposed upon residents, on the theory that a citizen owes a personal obligation to the government under which he lives; and they are also imposed upon incomes earned within the states by nonresident individuals and corporations, upon the theory that since the business is carried on there the income from the business is properly subject to taxation. The result is in many instances a new form of unjust double taxation of interstate

<sup>8</sup> Acting on this recommendation of the committee, the executive committee of the National Tax Association has authorized the appointment of a special committee to investigate the subject of the taxation of mines and other mineral properties.



industries and investments, which is likely to increase unless a suitable remedy is found.<sup>9</sup>

The committee is also influenced by the fact that the many taxes now imposed upon business, in the form of licenses or otherwise, by various states are an important factor in the whole problem of state and local taxation, which has usually been neglected, or even ignored, in discussions of the subject. These taxes are frequently illogical in their structure, and unequal and vexatious in their practical operation. No plan of state and local taxation can possibly ignore their existence, since there is no likelihood that the states will surrender the right to tax business carried on within their jurisdictions. Viewing the matter from this angle, therefore, we are convinced that a properly constituted business tax must be included in our proposed system of taxation. To those who may be inclined to question the wisdom of adding a business tax to the proposed combination of income and property taxes, we suggest that the committee is not recommending anything novel to American experience, but is merely proposing to reorganize upon a rational and equal basis a form of taxation that is now prevalent in many of our states and is not likely to be abandoned except for some better form of business taxation.

It may be well to add also that for such a combination of income, property, and business taxes there are precedents in the legislation of other countries. The original French system of direct taxation established by the Constituent Assembly provided for a personal tax, which was regarded as a substitute for an income tax, a tax upon land and buildings, and a tax upon business. Other taxes were subsequently added to the original system, but the three taxes just mentioned have continued down to the present day. In the principal German states an income tax has been combined with taxes levied upon land, buildings, and business, in a manner similar in principle, though not in its application, to the system of direct taxation established in France in 1791. There is, therefore, no lack of precedents for the recommendation which the committee has made.

Section 24. In the taxation of business various methods may be employed. The tax may be levied in the form of a license or as an ordinary tax. Its amount, if not a fixed sum, may be determined with reference to the net income of a business enterprise, the gross receipts, the rental value of the premises occupied, the size of the town or city in which the establishment is located, the number of employees or the number of machines in use, or, finally, the amount of raw materials used by a manufacturing enterprise or the amount of goods purchased by a mercantile concern. In some cases, as that of the French business tax, a number of these elements are taken into account in determining the amount of a taxpayer's contribution. Generally considered, the various methods resolve themselves into three: first, the imposition of a tax of fixed amount; second, the levy of a tax upon net income; and third, the adoption of various external indicia, such as gross receipts, rentals, and the like, which are considered to be approximately fair indications of the profits of a business.

<sup>9</sup> The difficulty is only partly remedied by provisions for taxing in any state where business is carried on only a proportionate part of such business. If a resident of one state receives dividends from shares of corporation which owns a plant in a second state and carries on business in a third where it is subject to taxation upon an amount of income corresponding to the business transacted in that state, the stockholder's dividends will be taxable in the first state under the theory of personal taxation, the property and part of the corporation's income will be taxed in the second state under the general property tax, and a part of the income will be taxable in the third state; whereas, if the stockholder had lived in the state where the plant was located and the corporation had done all its business in that state, only one tax would have been levied in respect of the corporation's income.

It is evident that a tax of fixed amount, such as is often imposed by license taxes, even though the amount may vary for different trades and occupations, can not, on account of its inequality, be recommended as an adequate method of taxing business. In connection with licenses imposed upon certain occupations chiefly for the purpose of police regulation, a charge of fixed amount may be entirely wise and unobjectionable. But the case is very different with a tax levied with a view of obtaining revenue.

External indicia of business profits may be adopted as the basis of a system of business taxation with very tolerable results. They produce a certain amount of inequality, since none of the indicia can lead to anything but a very rough approximation of business profits. A combination of several indicia, such as gross receipts, rental values of premises occupied, and the number of employees, might, together with a proper classification of occupations and a carefully adjusted schedule of rates, result in a form of business taxation that would operate as well as, let us say, the French business tax. But administrative difficulties multiply as the basis of taxation is made more complicated, so that ultimately a point is reached where such a system becomes less convenient and in some ways more troublesome than a system which at the start adopts net income as its basis.

Section 25. The committee has come to the conclusion, therefore, that the proposed business tax should, except in certain cases, be levied upon the net income derived from business carried on within the state levying the tax. Prior to the coming of the federal income tax, it would probably have been unwise and impracticable to adopt net income as the basis of business taxation. But today every business concern of any considerable size is obliged to make a return of its net income to the federal government; and it is, therefore, both practicable and convenient to impose a business tax upon net income. This will involve, of course, in the case of interstate concerns, the determination of the proportion of the income derived from business carried on in each state. But there are practicable methods of making such a determination, so that no serious difficulty need arise at this point. With proper administration, we believe that a tax thus levied upon net income will be so far superior to any tax levied according to external indicia of business profits that there can be no doubt concerning the advisability of adopting it.

There may, however, be certain cases in which an exception should be made to the general rule. Concerns so small as to be exempt from the federal income tax might be taxed upon their gross receipts, their gross purchases, or the rental value of the premises occupied, with the provision that the tax in no case should be less than a certain minimum amount, perhaps \$2.00. In any case where the apportionment of net income from an interstate business is peculiarly difficult, it may be that an adequate tax upon gross receipts within the state should be substituted for a tax upon the net income. The desire to secure equality should not lead us to adopt a Procrustean method, which permits of no adjustment to meet special cases. But we believe that only genuinely exceptional cases require any departure from the general rule, and suggest that the burden of proof rests very decidedly upon anyone who asks for exceptional treatment.

Section 26. Obviously the rate of the business tax should be proportional and not progressive. Neither the absolute amount of the net income nor the relation its bears to the invested capital have any bearing upon the question of how much a business concern should pay for the benefits it derives from the government under which it carries on its business. A concern which invests a large capital, and therefore earns a large income, can not be assumed to benefit more than in direct proportion to the size of its investment or the amount of its income; while the relation

of the income to the invested capital is an indication of the success with which the business has been managed rather than the amount of public service which it has received. Moreover, in practice, graduation of rates will produce difficulties which are bound to react unfavorably upon the general administration of the law, since it will produce in many cases absurd results which can not be remedied except by the arbitrary discretionary action of the tax officials.

The actual rate of the tax should be moderate. Where the business requires the employment of a substantial amount of tangible property, the business tax will be in addition to a tax paid upon that property; and in cases where the business employs little or no property in a particular locality, it is evident that the concern is making but comparatively small demands upon the services of the government. One per cent of the net income derived from business done in the locality would be a very light tax; and we believe that, in general, a tax of two per cent of such income would be adequate. Exceptional conditions in particular states may justify higher rates, but we believe that the rates in no case should exceed five per cent, and that very exceptional conditions would be required to justify such a high rate for a business tax levied as a part of such a system as we propose.

Section 27. It seems clear to us that the administration of a business tax must be placed in the hands of the state tax commission or tax commissioner. All the considerations which make it desirable that the personal income tax should be administered by state rather than by local officials apply with equal force to a business tax levied upon net income; while there is the further fact that, if the state administers the personal income tax, it can administer the business income tax more conveniently, economically and efficiently than any county or municipal authorities. The same is true of any tax that may be levied in exceptional cases upon gross receipts in lieu of net income. Upon the other hand, taxes levied in exceptional cases upon the basis of rental values, or levied in fixed amount upon particular occupations requiring special police regulation, may be left to local administration.

Section 28. The proceeds of the proposed business tax may well be divided between the state and local authorities in due proportions. Our recommendation is that the states retain a proportion corresponding to that which state revenues or expenditures bear to the total state and local expenditures or revenues, and that the remainder should be turned over to the taxing district in which business is carried on. The details of the plan of distribution may well vary from state to state, but this general rule seems to us a satisfactory general guide.<sup>10</sup>

Section 29. It goes without saying that the business tax we recommend is proposed as a substitute for all existing business taxes. The diversity, multiplicity, and inequality of the existing taxes levied upon business by both state and local authorities in many commonwealths have long constituted serious evils, and the time has certainly come when better methods should be adopted. Unless the business tax is imposed by a single assessment, the revenue being distributed as we propose, it is obvious that the desired end will not be accomplished. There is great need of a simple system, admitting as few exceptions as possible, and uniform so far as practicable in all of the states which desire to levy business taxes. There is need also of better administration, which can be secured only through state authorities, as we have recommended. We are proposing, *in fine*, the adoption of a comparatively simple and uniform system of business taxation in place of the multifarious, vexatious, and frequently unequal methods now employed in many of our states.

<sup>10</sup> See, however, page 44.

In concluding this subject, we may point out that under our proposed system there is no necessity that any state which prefers to dispense entirely with business taxation, except minor license taxes such as are everywhere imposed for police purposes, should adopt a business tax if it prefers not to do so. It may well be that some states will consider that a personal income tax and a tax levied upon tangible property meet fully the needs of their situation, and may, therefore, be reluctant to adopt the third proposed tax. To such we say that there is no necessity of doing so if a state is willing to renounce completely the claim to impose a tax upon business, as business, simply because it is carried on within its jurisdiction. A state will do nothing opposed to interstate comity, will impose no unjust double taxation, and will not interfere with any other state which desires to impose taxes upon business, if it decides not to assert the principle upon which the taxation of business is founded. This will mean necessarily that nonresident individuals and corporations employing little or no tangible property within its jurisdiction but carrying on business and earning substantial profits there, will not be required to contribute to the support of its government. We have nowhere asserted that it is every state's duty to make such persons or business concerns contribute, but have merely recognized that it is reasonable for any state to do so if it desires. Our argument has merely been that, if interstate comity is to be respected and unjust multiple taxation avoided, any state that taxes business must levy a tax upon *all* business done within its limits, whether conducted by individuals, partnerships, or corporations, and must not levy its personal income tax or its taxes upon property or corporate franchises in such a manner as to impose unequal, and therefore unjust, multiple taxation upon interstate business and investments. We have, in a word, undertaken to provide a reasonable, fair, and practicable method of business taxation which any state can employ consistently with the rules of interstate comity; but we have not argued that every state ought to adopt this form of taxation, irrespective of its particular situation and fiscal needs.

## VI. SUMMARY OF THE PROPOSED SYSTEM OF TAXATION

Section 30. At this point it is desirable to consider as a whole the proposed system of taxation. In the first place, it is evident that this system will satisfy every legitimate claim of any American state. It provides that all persons shall be taxed fairly and fully at their place of domicile for the personal benefits they derive from the government. It provides that all tangible property which any state may desire to tax shall be taxed fully at its situs for the governmental services it there receives. It eliminates the taxation of intangible property, as property, because such taxation can not be carried out without a large amount of unjust double taxation. And, finally, it provides a method by which any state which desires to tax business may do so in a fair and effective manner. No single tax levied either on income or property could possibly satisfy all of these claims, unless all the states, by formal agreement, should adopt a plan by which one tax would be levied upon interstate business and investments, the proceeds of which would be distributed in some agreed proportions between the states of domicile, the states where property is located, and the states in which business is carried on. Such an agreement we believe it is impossible to secure; and we have, therefore, recommended three separate taxes, each of which can be levied in such a manner as to enforce fully, fairly, and consistently the taxation of the subjects it is intended to reach.

Section 30. In the second place, it is evident that the combination of taxes we have recommended will give better results than any one tax, however levied, which is made to yield the same amount of revenue. With

the best drawn law and the very best of administration, there will always be a certain amount of inequality in the operation of any tax. If, therefore, all the revenue needed is derived from but one tax, such inequality as inevitably arises will be concentrated at a few points where it can not be mitigated. But under a system by which the same amount of revenue is collected from separate taxes levied upon income, property, and business, it is clear that such inevitable inequalities as arise in the working of any one tax may be, and to a considerable extent must be, offset or mitigated by inequalities arising under the others. By the mere law of probability, it must happen that the inequalities arising under the three separate taxes will not all be concentrated at the same point, and that some of them will to a certain extent compensate for others. This is one of the reasons why a double system of income and property taxation has worked well in certain European countries and has met with increasing favor from students of taxation and practical administrators. We regard this compensatory action of the three taxes we have recommended as an important argument in favor of our proposals.

Section 31. A third point to be emphasized is that the system here recommended will bring about heavier taxation of funded incomes than unfunded, without requiring the states to undertake the very difficult task of differentiating the rates of their income taxes. That funded incomes should be more heavily taxed than unfunded, nearly all will agree. At the same time, it is certain that the attempt to levy an income tax at different rates on different kinds of income greatly complicates the administration of the tax, and raises difficult problems which any one familiar with the practical side of tax administration would desire to avoid. But it is evident that, by combining a tax upon property with a tax upon income, we shall in effect impose heavier taxation upon funded incomes; and therefore the net result of our tax system will be to secure differentiation without undertaking the very difficult task of differentiating the rates of the income tax.

Section 32. Finally, the committee desires to point out that, although the proposed system prescribes certain lines of action which must be followed if interstate comity is to be observed, it admits of considerable elasticity at other points. The personal income tax does, indeed, require definite rules which can not be violated without undesirable results. It must be levied upon persons at their place of domicile, and must not be levied upon the income from property at its situs or the income from business at the place where business operations are carried on. The property tax, however, permits of such adjustments in the taxation of corporations, mines, forests, and certain other things as may be necessary to fit existing taxes into the proposed system or to improve existing methods which may be deemed to be unsatisfactory. The business tax also permits such adjustments as may suit the conditions of different states. The committee is obliged to insist that, if such a tax is levied, it should be levied equally upon all business carried on within the state, under whatever form of organization it is conducted, since this is the only manner by which unfair burdens on interstate business can be avoided. But we see no reason why every state ought, from the nature of the case, to impose business taxes; and while we recommend a tax upon net income as the best form of business tax, we have pointed out that in special cases taxation upon the basis of external indicia may be preferable and entirely consistent with our general plan of taxation.

Section 33. A word should be said concerning the relation of our plan to the classified property tax which for some years has played no unimportant part in discussions of state and local taxation. It is evident that the flat tax upon intangibles, which is a part of every classified property tax, is unnecessary under the scheme we propose. The purpose of the tax on intangible property is chiefly to enforce the principle that every

citizen, no matter where his investments are located, should pay a direct tax to the government under which he is domiciled. It is evident that this purpose is fully carried out by the personal income tax which we have recommended, and, therefore, we have not recommended any tax on intangible property as a part of our proposed plan. With intangibles eliminated from the operation of the property tax, we have left only the question of how tangible property shall be treated; and we have recommended that tangible personal property be separated from real estate and made subject to a lower rate of taxation. It will be seen, therefore, that, so far as tangible property is concerned, our plan is based upon the idea underlying the classified property tax, and that our plan differs from the latter chiefly by reason of the fact that it eliminates wholly the taxation of intangible property.

The relation of existing states income taxes to the proposed plan should also be considered briefly. The Wisconsin income tax is in part a personal income tax like that which we propose, and in part a tax upon business incomes. A part of it, therefore, would find its place naturally in our proposed personal income tax, and the other part could readily find a place in our proposed business tax. The Massachusetts income tax is throughout its entire structure a personal tax, since it is in no case levied upon nonresident persons or interests. It is, therefore, a proper nucleus for a personal income tax, but fulfils in no respect the functions of our proposed business tax. The corporation income taxes of Connecticut, New York, West Virginia, and Montana may be classified as business taxes, and with certain modifications can readily meet the requirements of our system. Some of the other state income taxes, which have been modeled after the federal income tax, are more difficult to classify and violate some of the principles we have advocated; but they at least serve to establish the principle of state taxation of income, and can be remodeled in a manner conforming to the requirements of the plan we propose.

## VII. TAX ADMINISTRATION

Section 34. Since the best tax laws will not work satisfactorily if they are badly administered, the committee desires to submit some observations and recommendations concerning administration. It is well known that many of our states, by creating tax commissions or appointing tax commissioners, have greatly improved the administration of their laws in recent years; but it is also known to all that, taking the country as a whole, there is still need of great improvement in tax administration. We have already made several recommendations concerning the administration of the particular taxes which we have proposed, but we are unwilling to submit our new system without considering more broadly and generally the subject of administration.

Section 35. In the United States the assessment of property has always been entrusted to local officials, and doubtless will continue to be performed by local agencies. The local assessor, therefore, is a vitally important part of our system of administration; and if his work is not well performed, no mere process of correction will ever bring about a good assessment of property. We are in complete agreement with the conclusions reached by the committee appointed by the National Tax Association a few years ago to consider the subject of the administration of tax laws.<sup>11</sup> Besides endorsing the findings of that committee, we desire in this report to make the following specific recommendations:

A. Assessment districts should be large enough to justify the employment of at least one permanent official in each such district, who should

<sup>11</sup> For the report of this committee, see Proceedings of the National Tax Association, IX, 197-207.

receive a salary sufficient to make it possible for him to give all his time to the work. Such permanent assessors should be provided with well equipped offices, a suitable number of permanent clerks, and such part-time assistants as may be needed for a short period in each year. Even if assessments are not made annually, there is always enough work of investigation and of keeping track of new developments to justify the employment of a permanent force. At present many assessment districts are too small to make proper compensation possible; and the result is that the work is done by persons who can not give to it the time it ought to receive and seldom acquire the necessary expert and technical knowledge. Manifestly, the county is a better assessment district than the township; and, generally speaking, we may suggest that it is undesirable to erect assessment districts smaller than a county, unless such districts have a sufficient population to enable them to employ at least one permanent assessor and a suitable staff.

B. Whether assessors should be appointed or elected is a question about which there may be room for difference of opinion. The committee, however, favors strongly the method of appointment, since it does not believe that, other things being equal, elective officials can or will perform their work as efficiently as appointive. Recognizing, however, that there may be a serious difference of opinion at this point, we make no specific recommendation; and content ourselves with recommending that, whether assessors are elected or appointed, they should serve for a term of at least four years in order that there may be reasonable continuity in their work and that there may be time for their policies to justify themselves by their results.

C. We recommend that all assessors, whether elected or appointed, be subject to removal for wilful negligence or malfeasance in office. This power of removal should be placed in the hands of the state tax commission, which should be authorized, either upon complaint or upon its own motion, and after hearing all parties in interest, to remove a local assessor from office. This power is now given to the tax commission in certain states, and has led to excellent results. Even though seldom exercised, the very existence of such a power tends to prevent many abuses and to secure a more efficient administration of tax laws.

Section 36. That a permanent state tax commission, or tax commissioner, should be established in every state, is a recommendation which today requires no argument to support it. We will merely say that neither the system of taxation which we recommend nor any other can be expected to give satisfactory results in states that refuse to place in the hands of some permanent central authority the administration of taxes upon incomes and inheritances, the original assessment of certain classes of property, and general supervisory powers over the assessment of all property subject to local taxation.

How this central authority should be constituted is naturally the next subject for consideration. We believe that experience has abundantly proved that a state board constituted of *ex-officio* members is totally inadequate for the work in hand. The members of such a board have other duties and responsibilities which have first claim upon their interest and time, so that they never become experts in taxation and seldom give adequate attention to their work as members of a tax commission. In states which are content to vest in *ex-officio* boards central control over the administration of their tax laws, we can not expect satisfactory results from our proposed system of taxation, or, indeed, from any other.

Whether a tax commission is to be preferred to a single commissioner, is a point upon which there is certainly room for difference of opinion. In many, if not most, of the states that have tax commissions it would have been impossible to secure enactment of laws vesting in the hands of a single commissioner the authority given to the commissions. Upon

the other hand, some states have developed strong and efficient tax departments under the authority of a single commissioner, and evince no desire to change this arrangement. It is also true that the internal taxes of the United States are collected by a department which has at its head a single commissioner. The committee believes, therefore, that there is no reason to suppose that a commission is always to be preferred to a single commissioner, or that a tax department with a single head is always to be preferred to a tax commission; and concludes that the important thing is the adequacy of the resources and extent of the authority conferred upon the state tax department.

Where the commission exists, the members should be appointed, in classes, for terms of at least six years. Provision should be made that all the members of the commission should not belong to the same political party, and every effort should be made to remove their appointment from politics. The salaries paid should be adequate to secure men of first class ability, and removal from office should be authorized only for cause and after due hearing of all parties in interest.

The powers of the tax commission should include: (a) original assessment of all property or business that has a state-wide rather than a local character, all financial institutions, and public utility companies of every description;<sup>12</sup> (b) The assessment of the personal income tax and the tax on business incomes which we have here recommended, also the administration of inheritance taxes and any other state transfer taxes; (c) the equalization of property assessments for the purposes of state taxation and the equalization of county assessments whenever there are different assessment districts within a county;<sup>13</sup> (d) directive and supervisory power over the assessment of property, including the power to order reassessments and, if necessary, to appoint appraisers to reassess any property that local officials have not assessed in accordance with the law; (e) power of removal, after a hearing, of local assessors for inefficiency or misconduct; (f) authority to act as board of appeal in such cases as may be necessary; and (g) authority to investigate the entire subject of taxation, and to gather and publish comprehensive statistics concerning all matters of taxation and public finance.

Section 37. The committee has recommended that the proposed personal income and business income taxes should be administered by state rather than local authorities, and in the previous section we have pointed out that the state tax commission or tax commissioner should be entrusted with this work. For this purpose it is very desirable, and even necessary if the best results are to be secured, that a state should be divided into income-tax assessment districts of convenient size, each of which should be placed in charge of a district assessor of incomes, appointed by the state tax commission, or tax commissioner, and directly responsible to the same authority. The success of the Wisconsin and the Massachusetts income tax laws is due in large part to the fact that the administration was placed wholly in the hands of the state tax departments. But it was due also, in no small degree, to the work of the district assessors who served the useful purpose of bringing the administration of the law home to the people of the several districts and helpfully decentralizing

<sup>12</sup> Certain other classes of property, such as mines, may well be included in this list, but we will not undertake further specification.

<sup>13</sup> This recommendation means, of course, that there should be no separate state board of equalization. We are aware that in certain states where there are no tax commissions there are state boards of equalization which now possess some of the functions of a tax commission, and may at any time be clothed with other such functions. Such boards should be, as fast as possible, developed into competent tax commissions of the type that we recommend. Whether they would better retain their present names or be known as tax commissions, is probably not a matter of great importance; but we venture to express our preference for the latter name. September, 1918.



the work of administration. In the more populous states we believe that such a district organization is necessary for the successful operation of income taxes; and we, therefore, strongly recommend it. In the less populous states, it may be necessary for the state tax department to deal directly with all persons subject to the income tax. In all states, the establishment of an income tax bureau within the state tax department is absolutely essential.

It is obvious that district assessors of income may be advantageously utilized in the general supervisory work of the state tax commission or commissioner. Wisconsin now employs district assessors of income as supervisors of local assessors within their districts, and thus has established a useful connecting link between the state tax department and the local assessing boards. On other grounds, such an intermediary between the state and the local taxing authorities is very desirable; and we, therefore, point out that the establishment of district assessors of incomes will facilitate greatly the carrying out of the supervisory powers with which every state tax department ought to be clothed.

### VIII. THE INHERITANCE TAX

Section 38. In this report the committee has preferred to make no specific recommendation concerning the taxation of inheritances. Such taxes are now in operation in almost every state, and it is certain that they are a permanent part of our system of taxation. The committee strongly favors the use of the inheritance tax by the American states, and is in general accord with the various recommendations which have been made from time to time by committees appointed by the National Tax Association. We have felt obliged, however, to devote our attention principally to other subjects concerning which there is greater diversity of opinion and greater need for thoroughgoing reforms. It is clear that none of our recommendations, if carried out, will interfere in any way with the levy of inheritance taxes by the states; and we have, therefore, concluded that further study of this subject could properly be left to some other committee, or undertaken by our committee in some subsequent year. Our decision is due solely to limitations of time, and does not imply lack of appreciation of the importance of the inheritance tax in any rational system of state taxation.

### IX. TAXES UPON CONSUMPTION

Section 39. In the course of its deliberations, the committee has had occasion to consider whether, in view of the great increase of state and local expenditures in recent times and the entrance of the federal government into the field of direct taxation which had hitherto been utilized exclusively by the states, it might be possible for the states to derive more revenue than in the past from taxes levied upon consumption. The taxes now levied by the states upon automobiles represent the sort of taxes which the committee has in mind. Taxes upon amusements, on nonalcoholic as well as alcoholic beverages, on hunting licenses, and a few other things, have been brought to our attention; but we have decided to make no recommendation upon the subject at this time. It is perfectly evident that, with the exception of automobiles, none of the taxes which have been suggested will ever be likely to constitute an important source of revenue; and we have preferred to concentrate attention this year upon the problems of chief practical importance. It may well be, however, that at some future time the National Tax Association will do well to appoint a committee to canvass carefully the possibility of supplementing existing sources of state and local revenue by taxes levied upon what may be fairly classified as luxurious consumption.

## X. THE SEPARATION OF THE SOURCES OF STATE AND LOCAL REVENUE

Section 40. The proposal to separate the sources of state and local taxation has played a sufficiently important part in previous discussions of tax reform to justify a brief consideration of that subject. We may first observe that the plan we propose does not require any separation whatever of the sources of state and local revenue, but that it is not inconsistent with the adoption of a thoroughgoing scheme of separation. Under our plan, it would be possible for many states to raise from personal income tax a sufficient sum to defray the entire expense of the state government, so that the taxation of property could be turned over wholly to the local authorities; while the revenue from the business tax, although collected by the state, could either be retained by the state or distributed to the local governing units. We refer to this fact merely to emphasize our remark that the plan we have proposed will neither prevent the states from adopting the plan of separation, if they so desire, nor compel them to do so, if they prefer not to experiment with that plan.

The committee is of the opinion that a partial separation of the sources of state and local revenue is desirable, but that complete separation, by cutting the connecting cord between the state and local governments, tends to destroy the states' sense of responsibility in the matter of local taxation. There is no experience to justify the belief that, if the states turn over to the local governments independent sources of revenue, and adopt the theory that local taxation is an affair of purely local interest, we shall ever have a satisfactory administration of the tax laws by local officials. Experience abundantly shows that such officials need constantly the expert advice, intelligent guidance, and, when necessary, the effective control of a state tax commission composed of experts and keenly alive to the need of just and efficient administration of tax laws by local officials. Total separation of the sources of state and local revenue, at least in the forms in which it is usually presented, seems to the committee to be distinctly a backward step, especially at this moment when the need is for greater emphasis upon state control over the taxation of property for local purposes. A further difficulty of complete separation is that the abolition of the direct state tax upon property tends to remove a desirable check upon state expenditures.

The committee believes, however, that a partial separation of the sources of state and local revenue is desirable. The inheritance tax is obviously a proper source of state revenue. Taxes upon insurance companies and upon automobiles may very properly be allocated to the state rather than the local governments. Under special conditions it may be better that railroad taxes should be retained in the treasury of the state than utilized as a source of local revenue. From the taxes thus enumerated, it is obvious that states can, and should, derive revenues that are independent of local taxation; but we believe that it is desirable that a state tax on property should be retained as the regulator of the state finances and a reminder to the state of its responsibility for the proper assessment of property in every locality within its jurisdiction.

We have recommended that a part of the personal income tax, corresponding to the proportion which state expenditures bear to the total of state and local expenditures, be allocated to the state treasury. Such an arrangement will tend to lighten the direct state tax, but will not make such a tax unnecessary. We have pointed out that the distribution of the proceeds of the proposed business tax may well vary from state to state. We here suggest that whether the state should be assigned a share may well depend upon the comparative revenue needs of the state and the local governments. If the state tax is light, the entire

